

203000 2405550

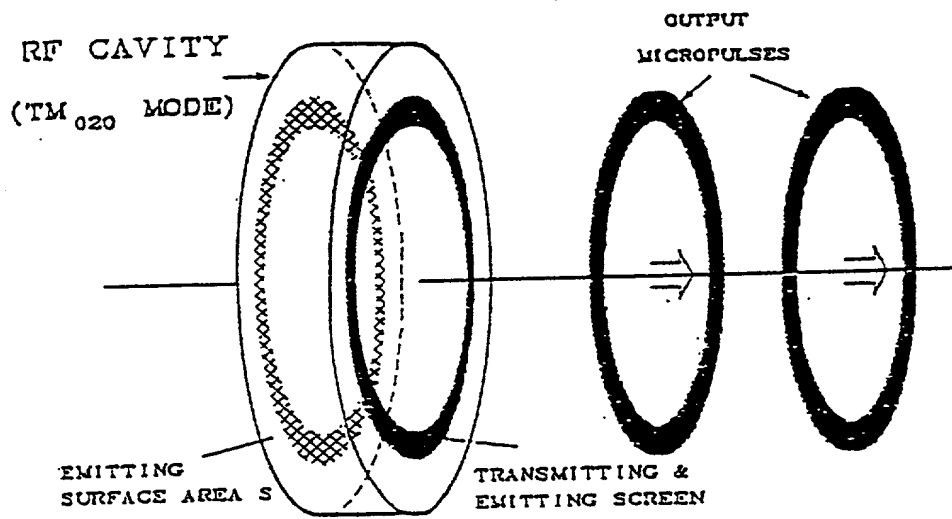


FIGURE 1

# TM-020 Mode Cavity with Inner Cylinder

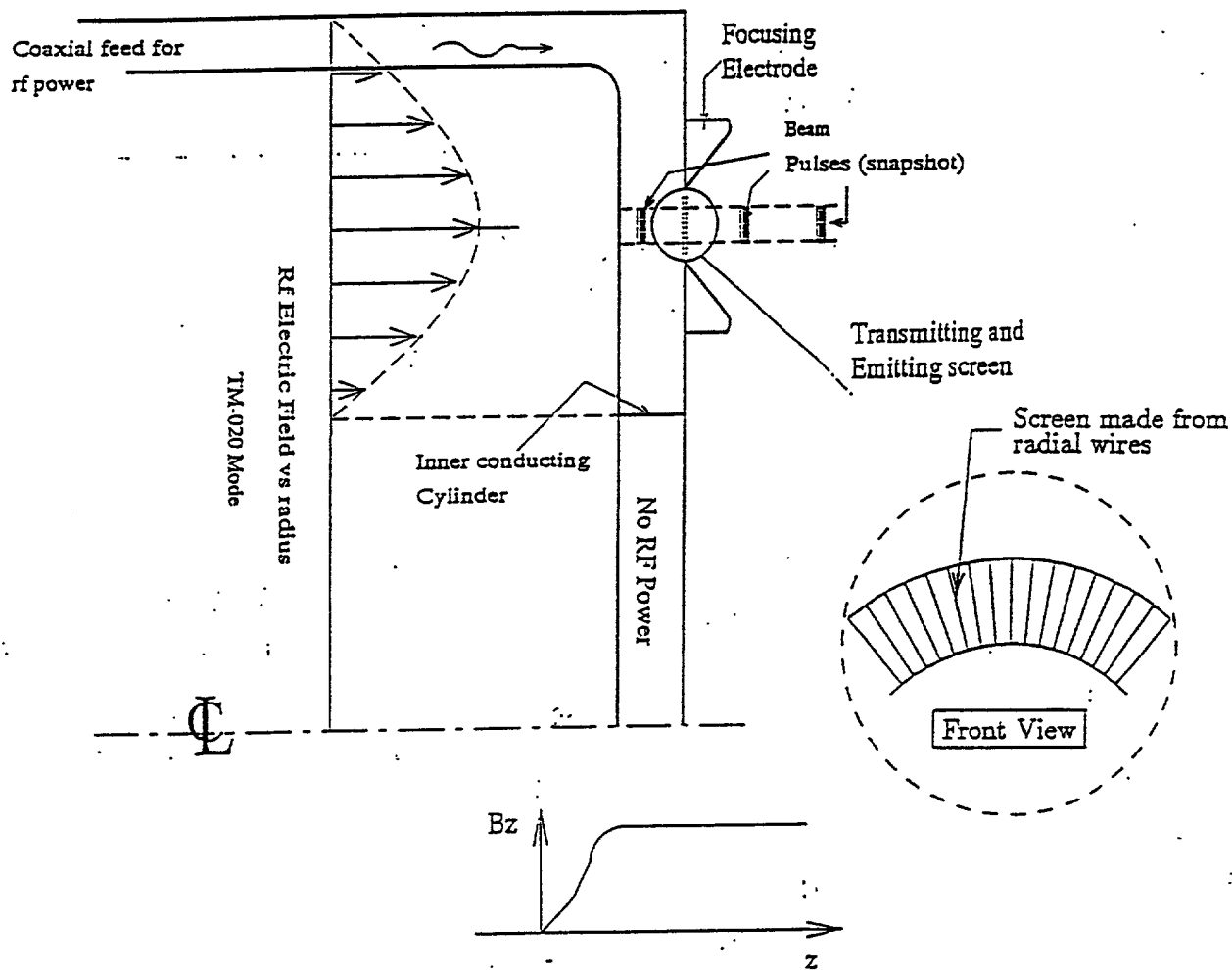


FIGURE 2

205020-030500

OSCILLATING  
MEANS  
22  
OSCILLATING E  
FIELD 26

OSCILLATING  
B FIELD 28  
MEANS

RF cavity  
(side view)

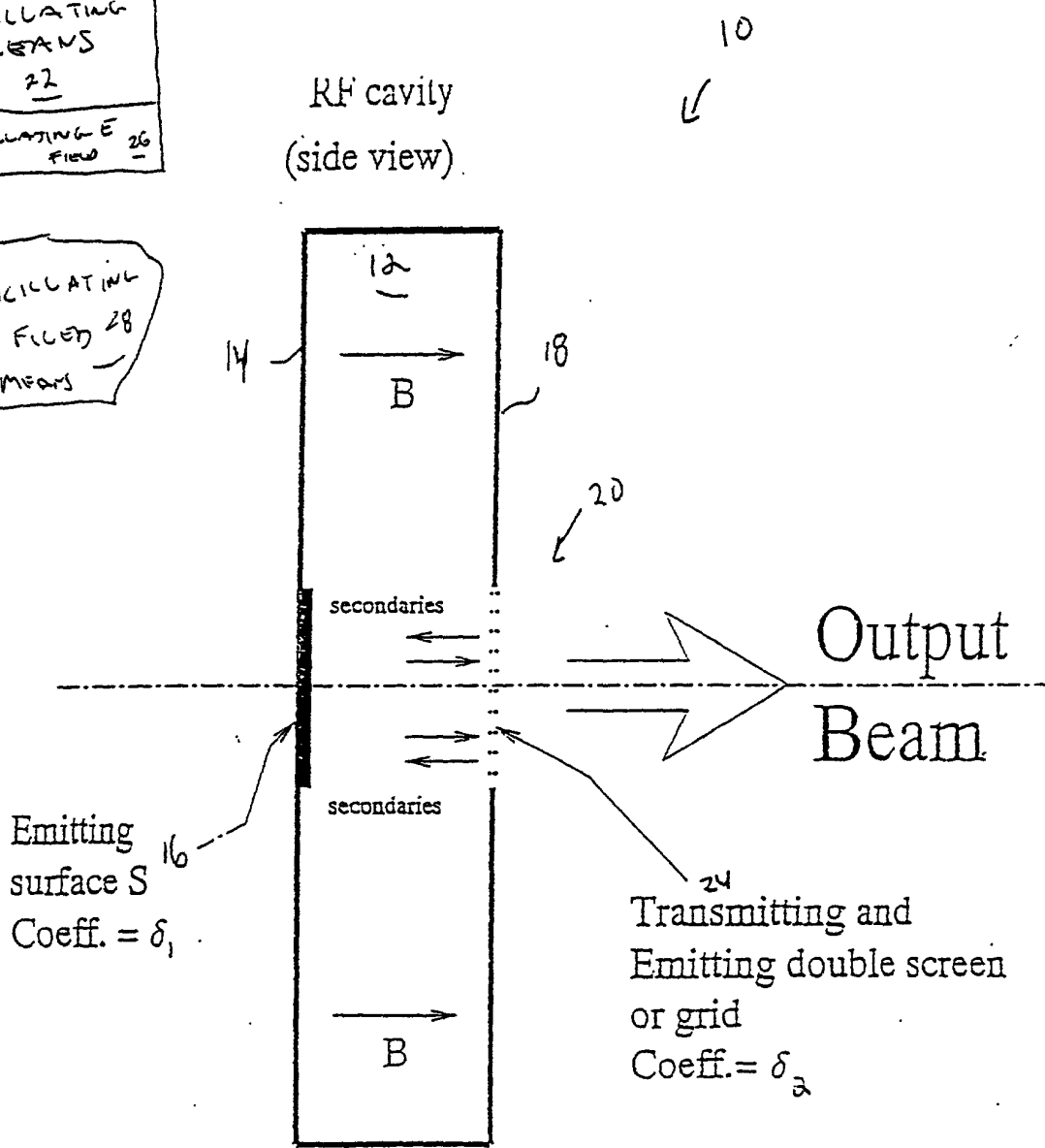


FIGURE 3

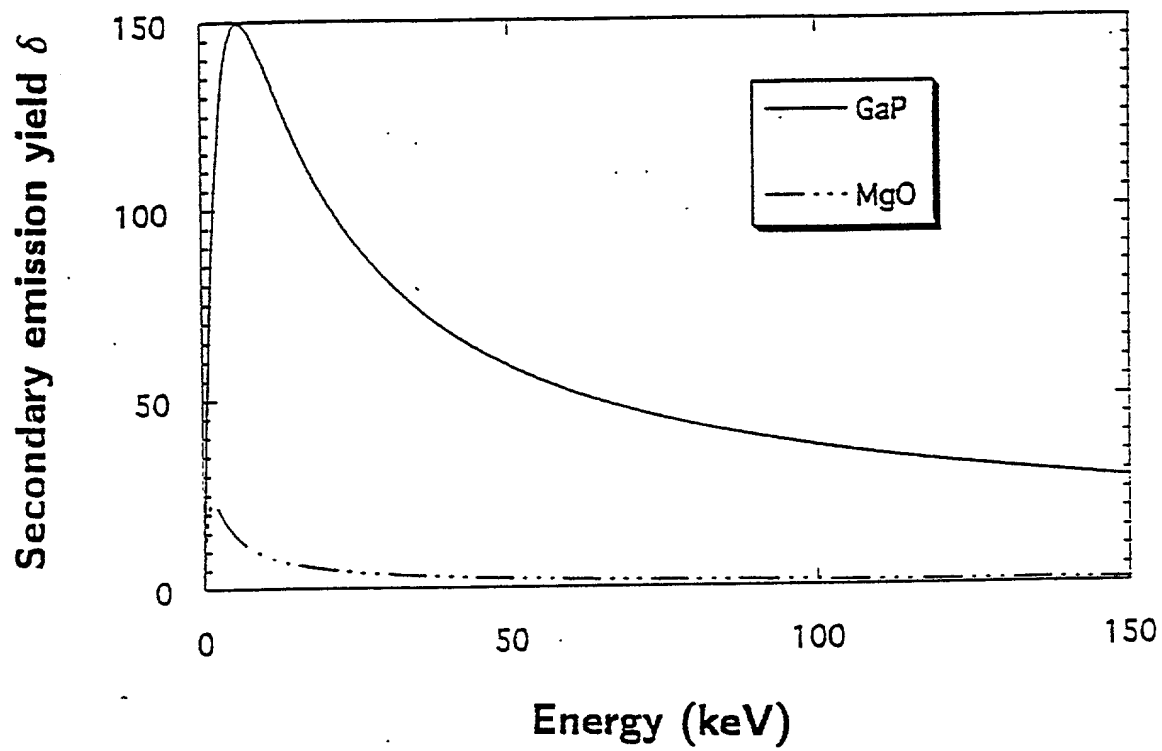


FIGURE 4

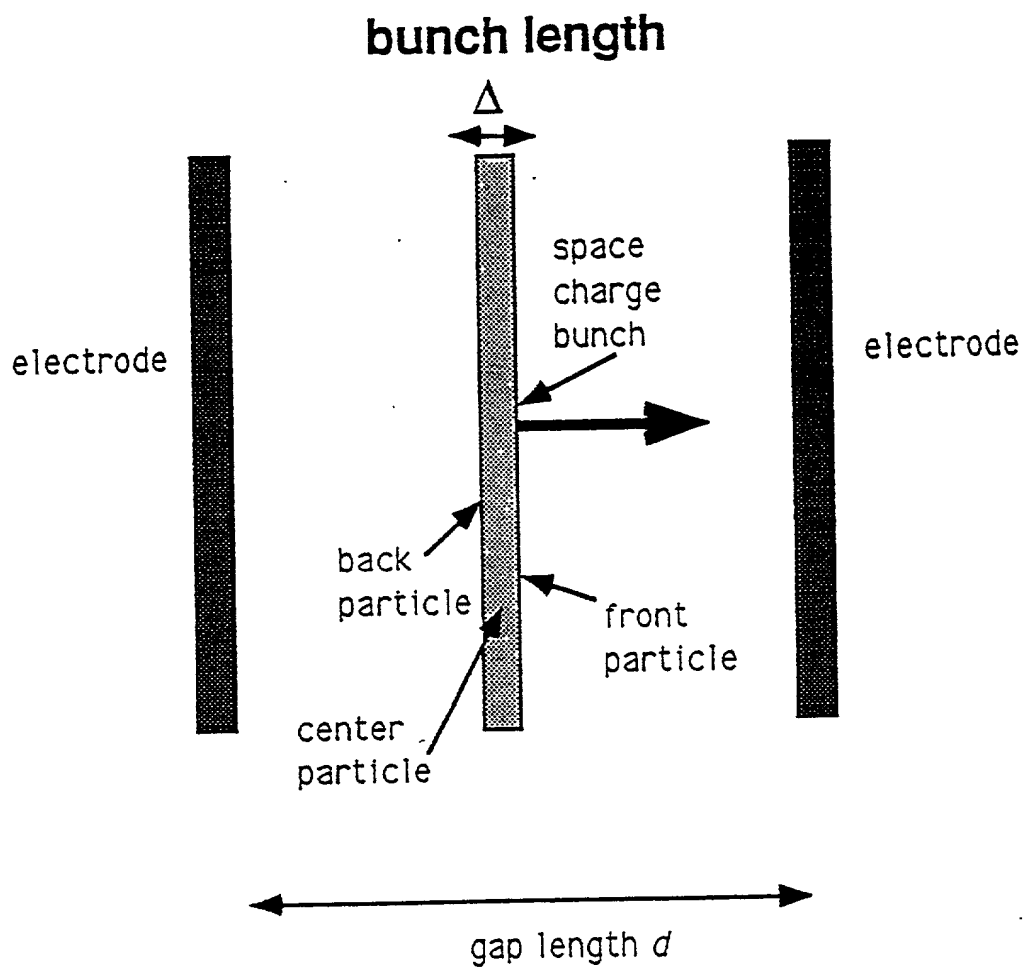


FIGURE 5

2050E" 405660

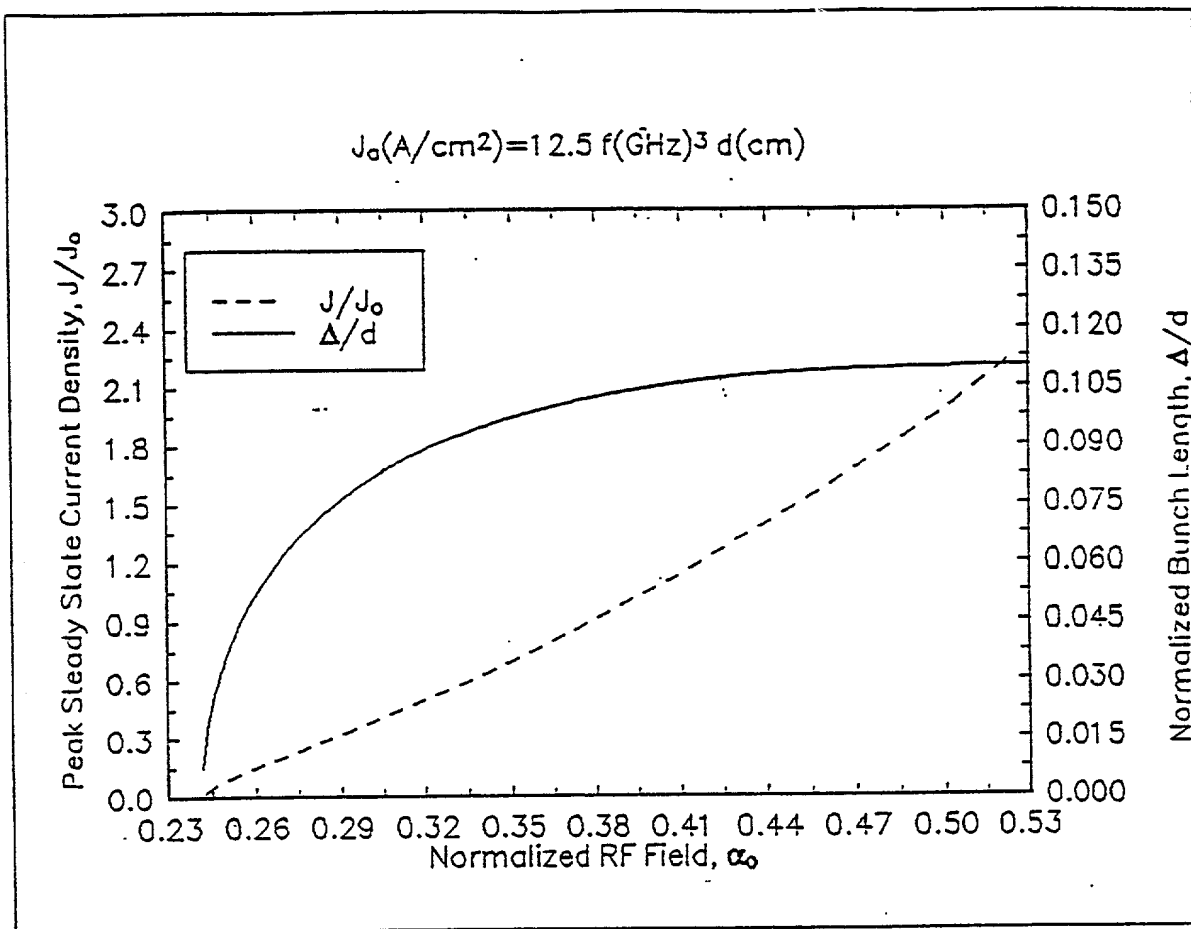


FIGURE 6

205000 205000 205000

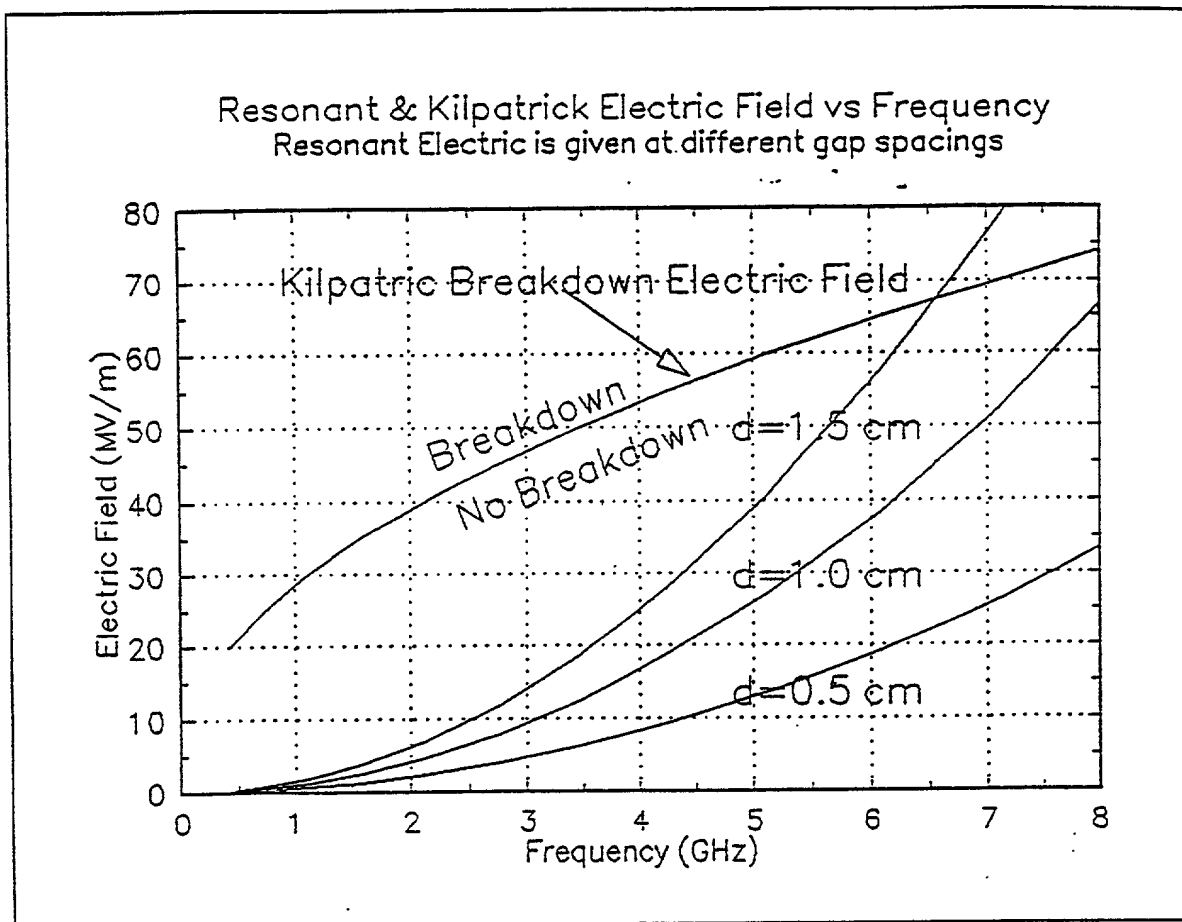


FIGURE 7

# 1.3 GHz, xy plot

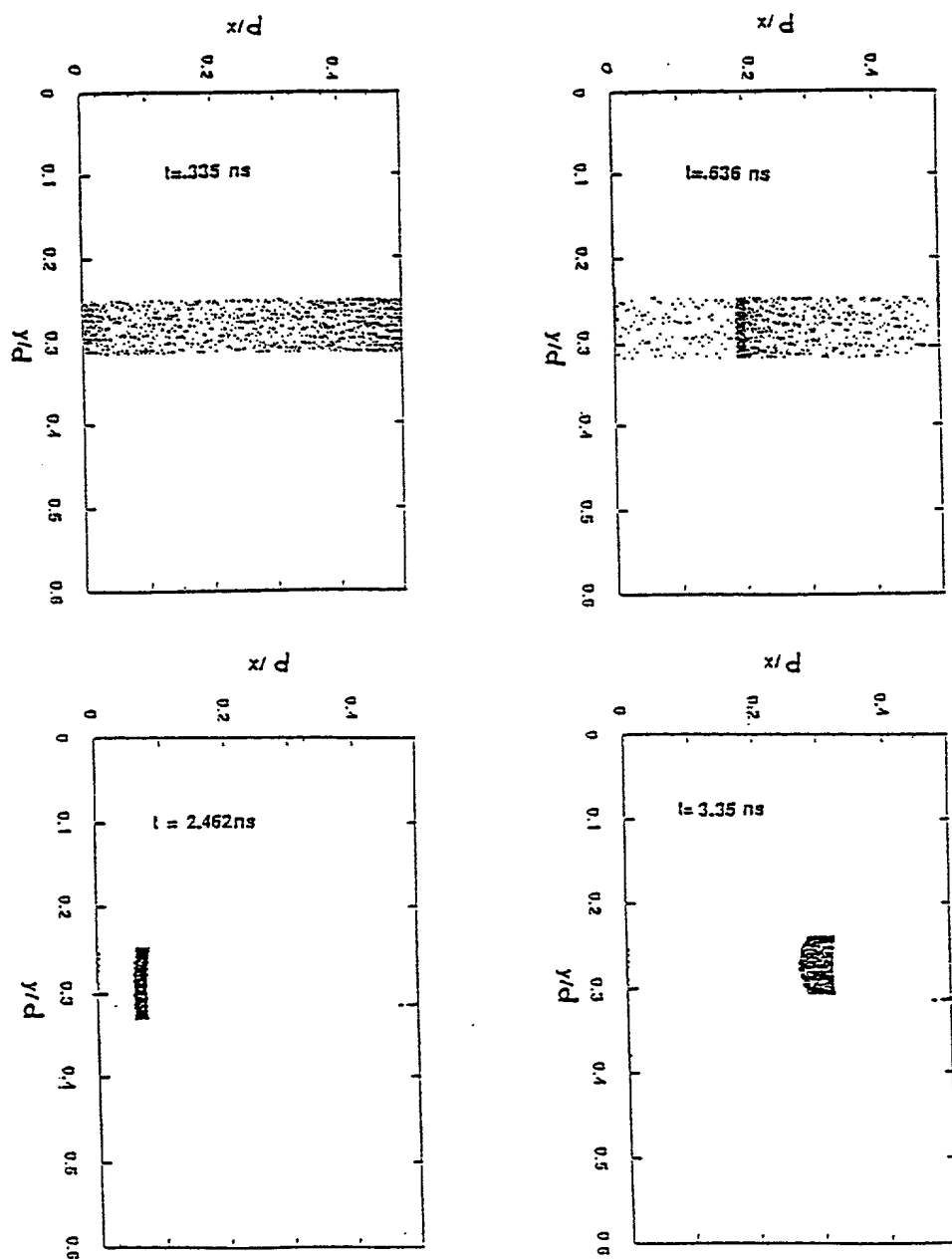


FIGURE 8

090507-030502



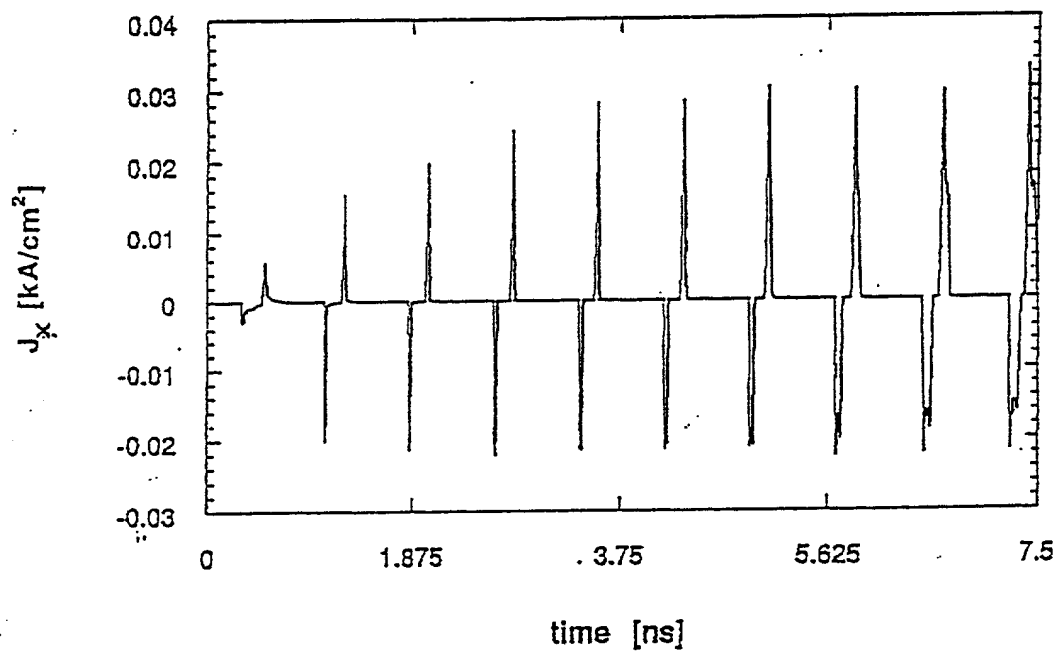


FIGURE 9

2050E0" 22056660

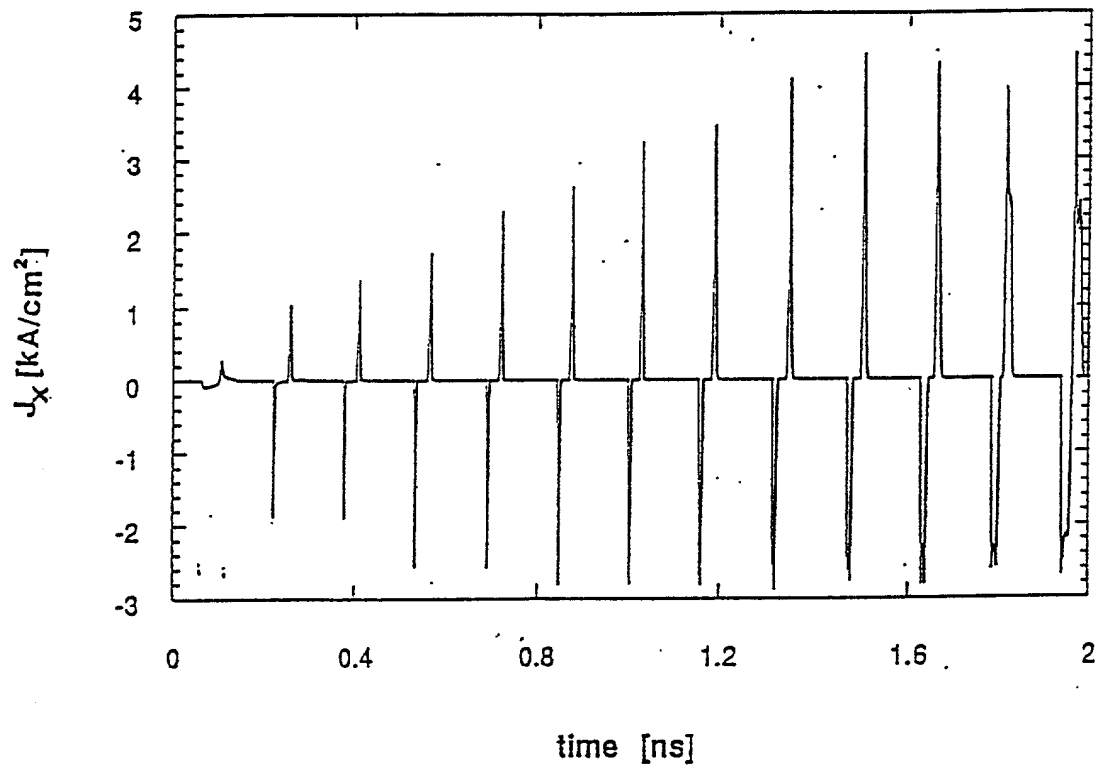


FIGURE 10

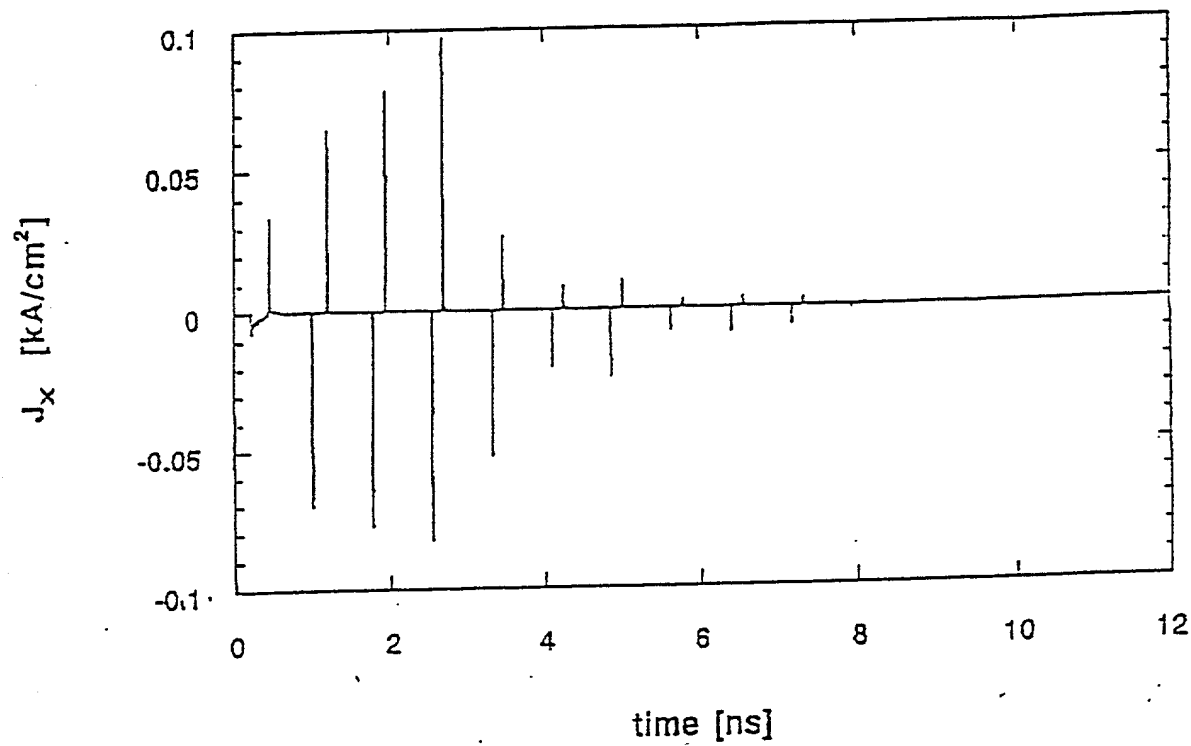


FIGURE 11

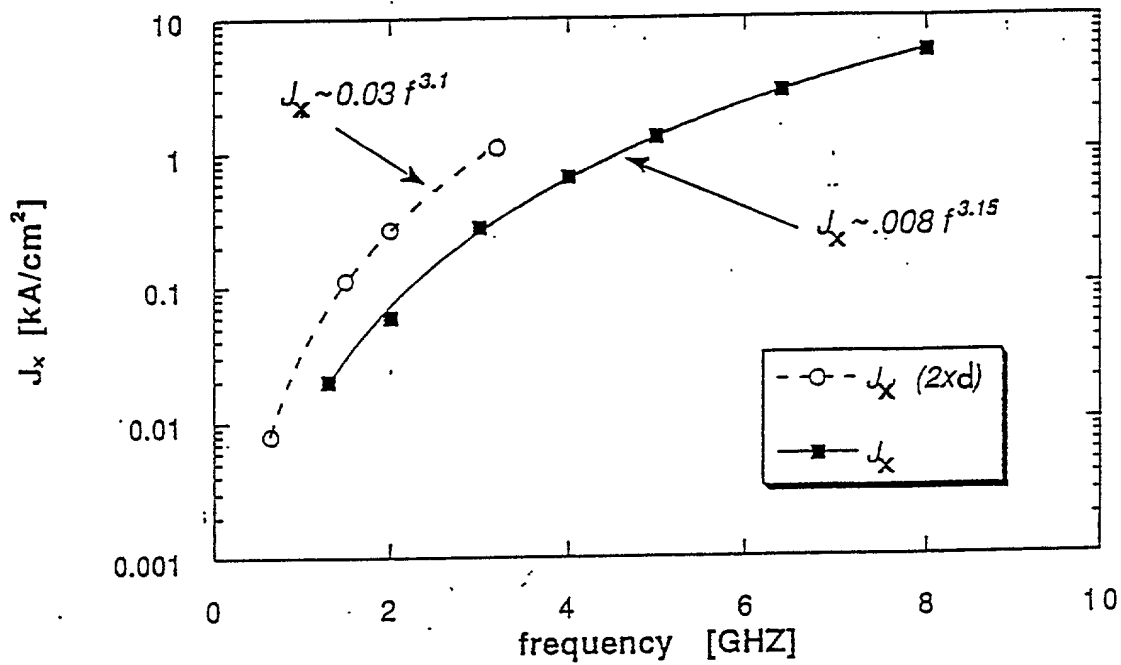


FIGURE 12

205020 1405550

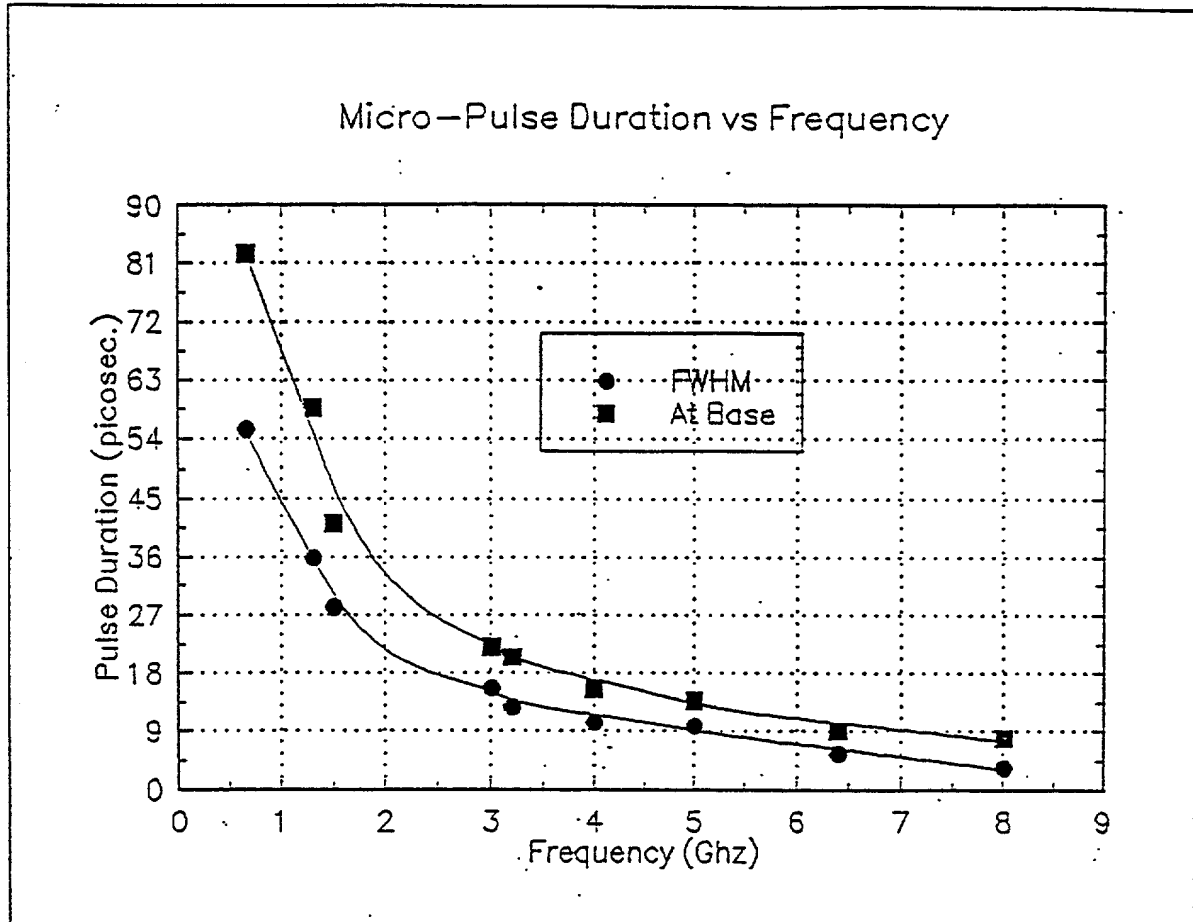


FIGURE 13

203020 205650

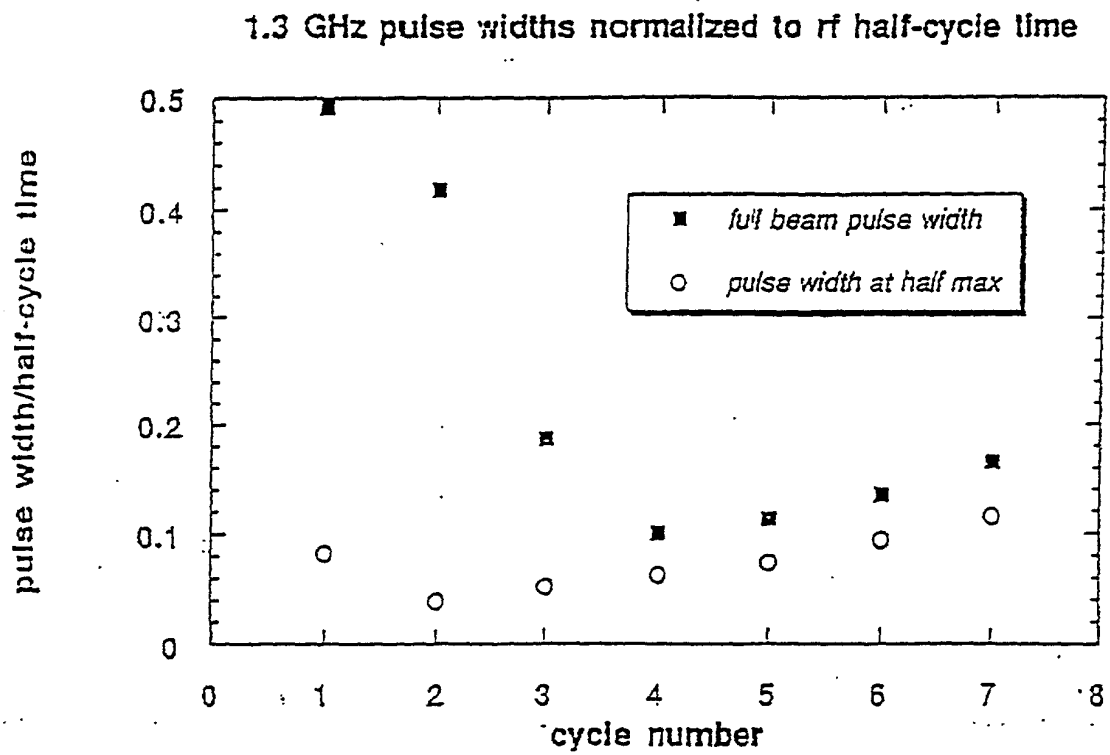


FIGURE 14

2050E0 44056660

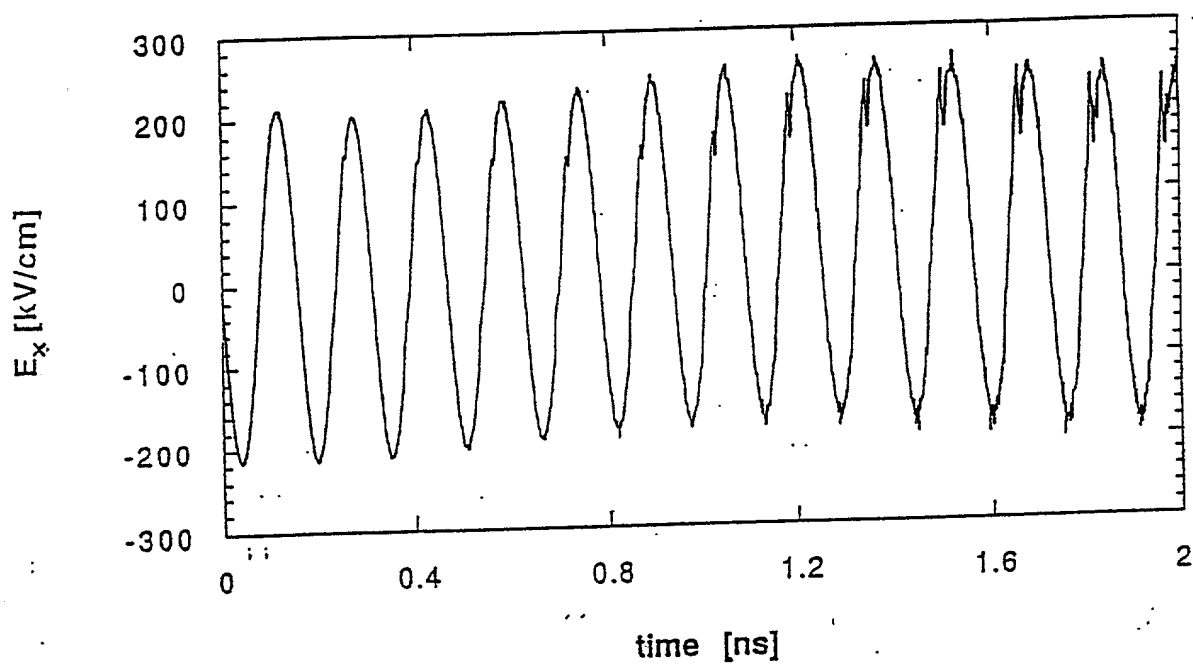


FIGURE 15

2050E07/056650

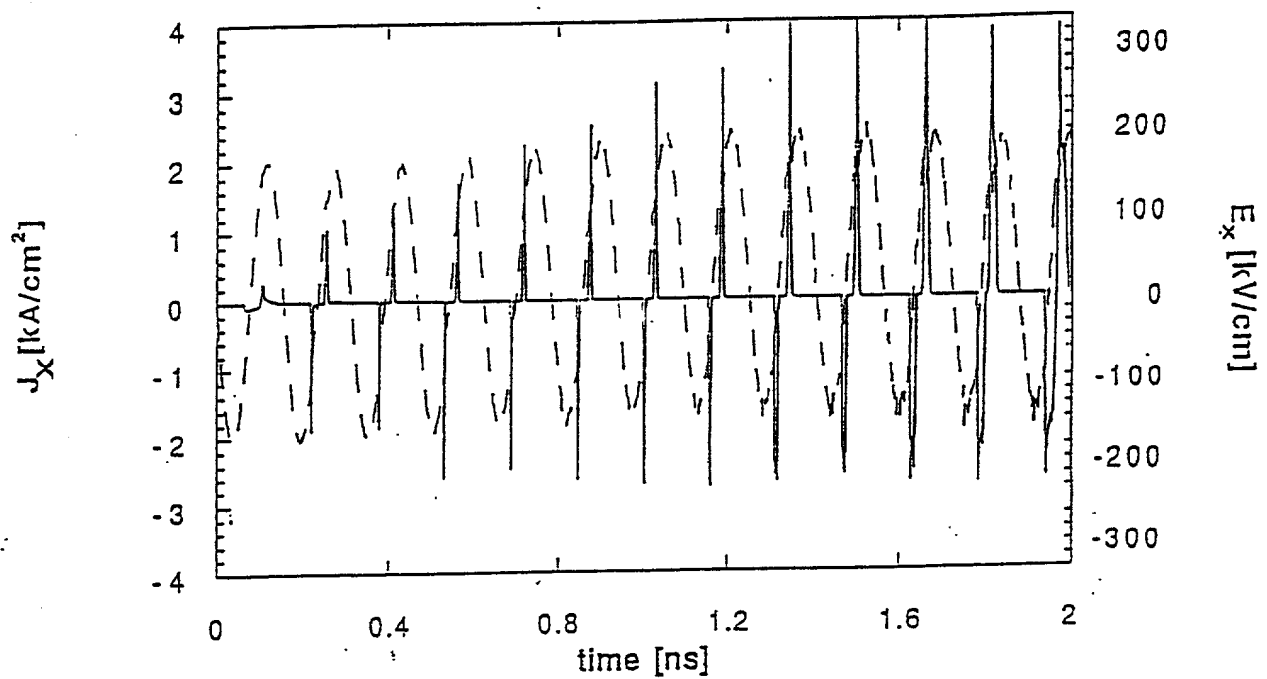


FIGURE 16



205040 4055660

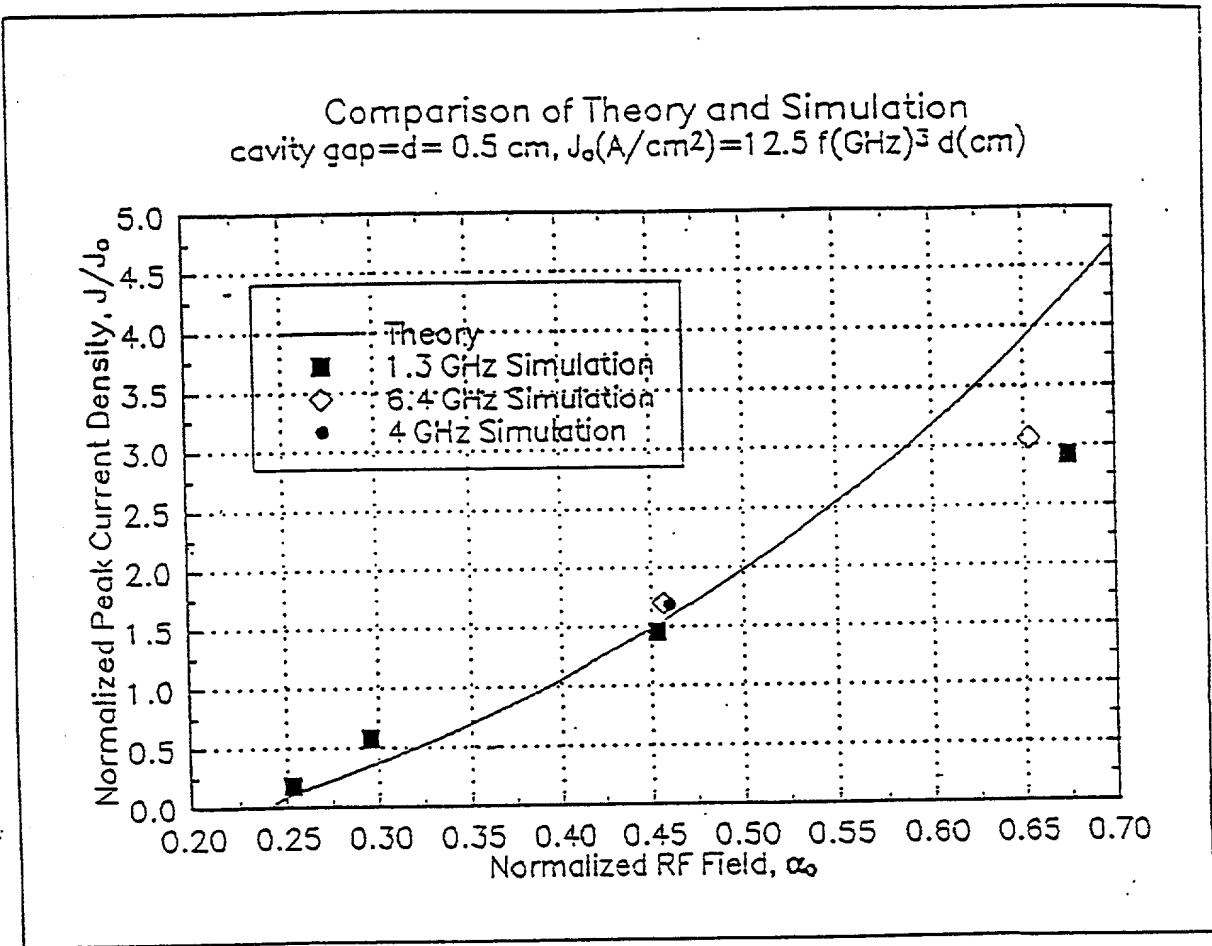


FIGURE 17

2050E0" 44055560

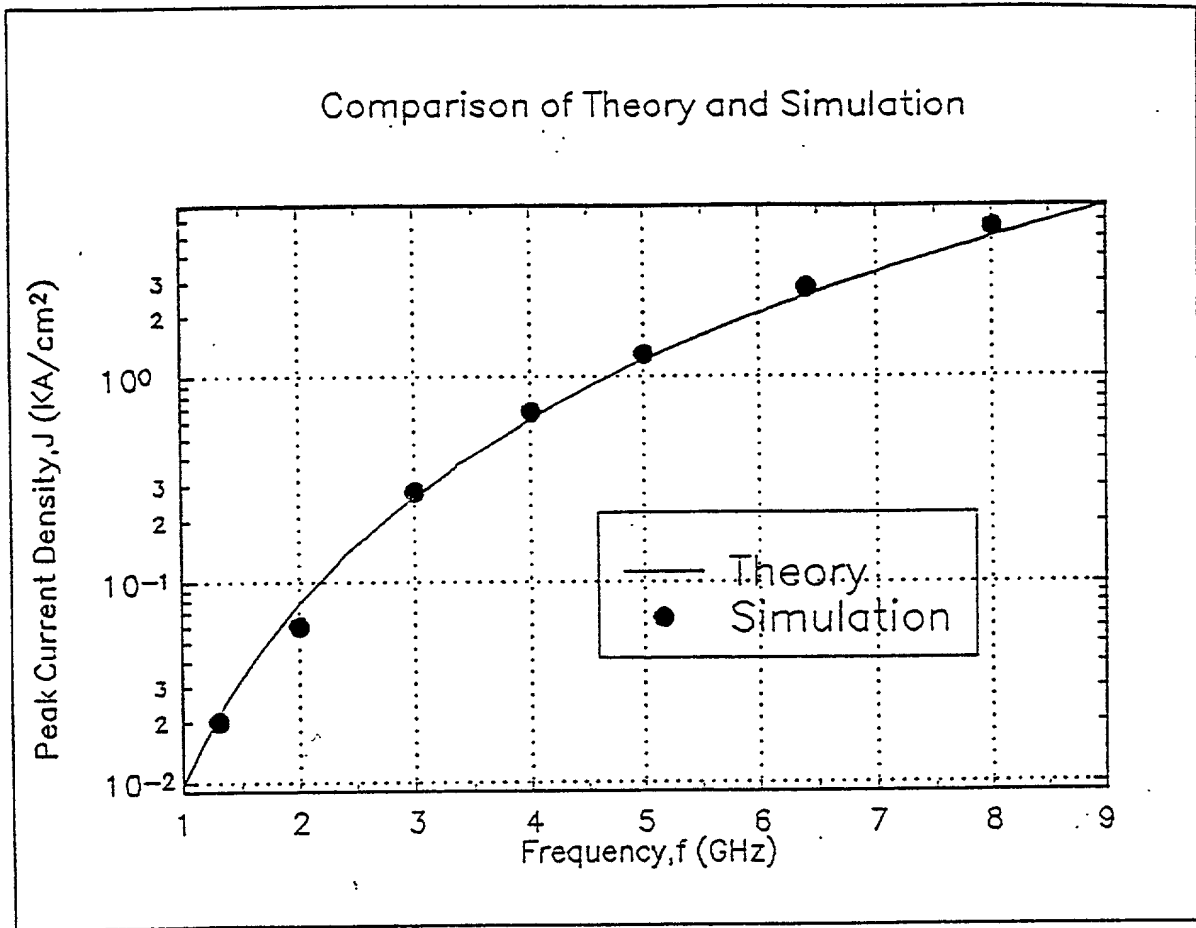


FIGURE 18

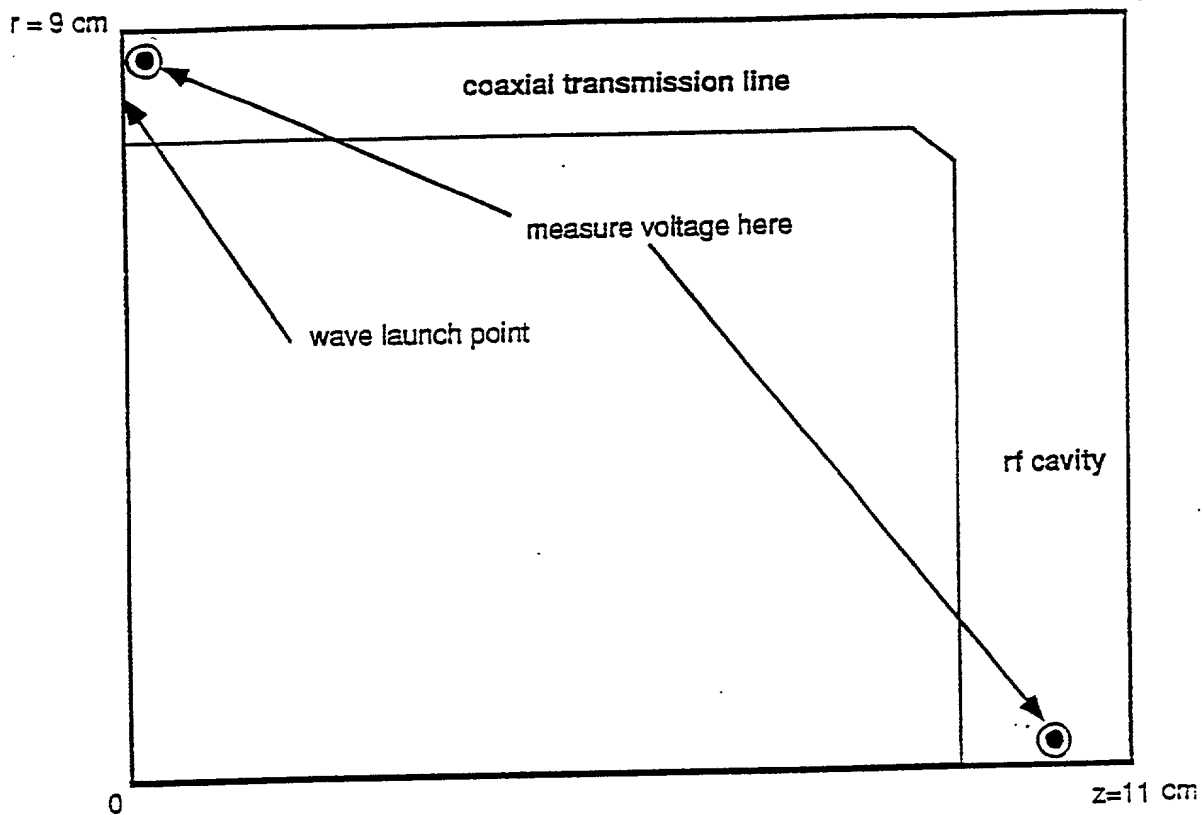


FIGURE 19

2050207/205660

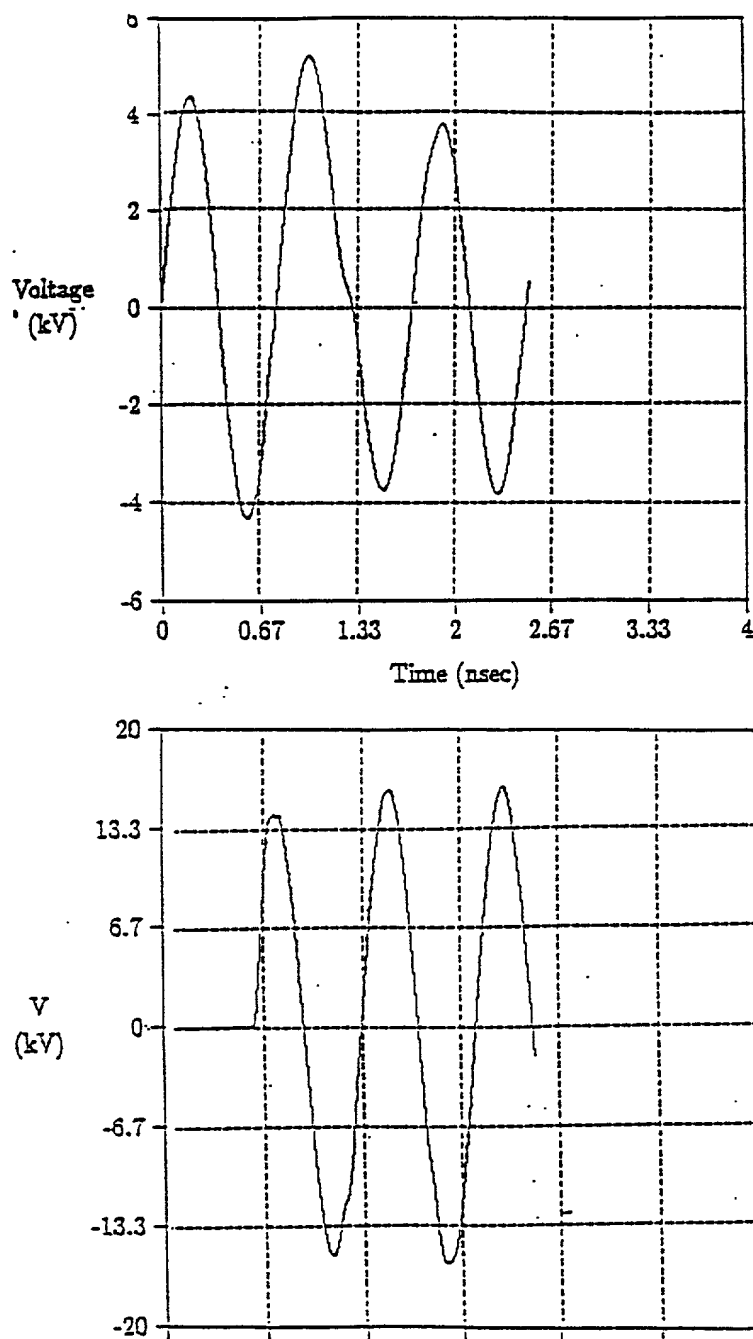


FIGURE 20

Electric Field vs Radius for an Ideal and a Coaxially Fed Cavity  
TM<sub>010</sub> mode at 1.275 GHz, Cavity Gap=1 cm, Coaxial Gap=1 cm

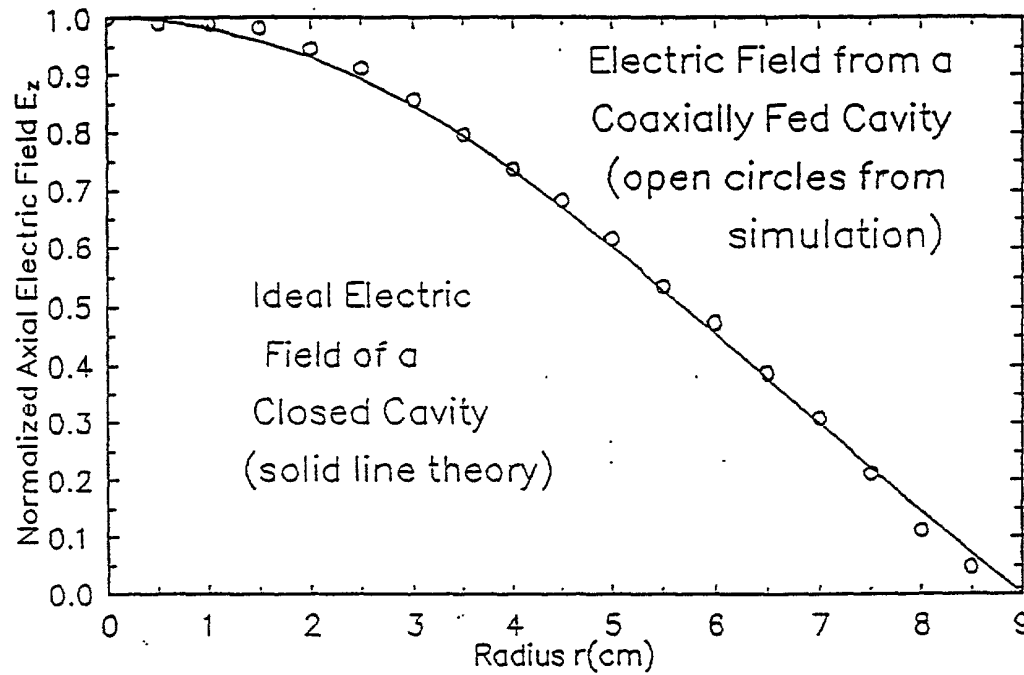


FIGURE 21

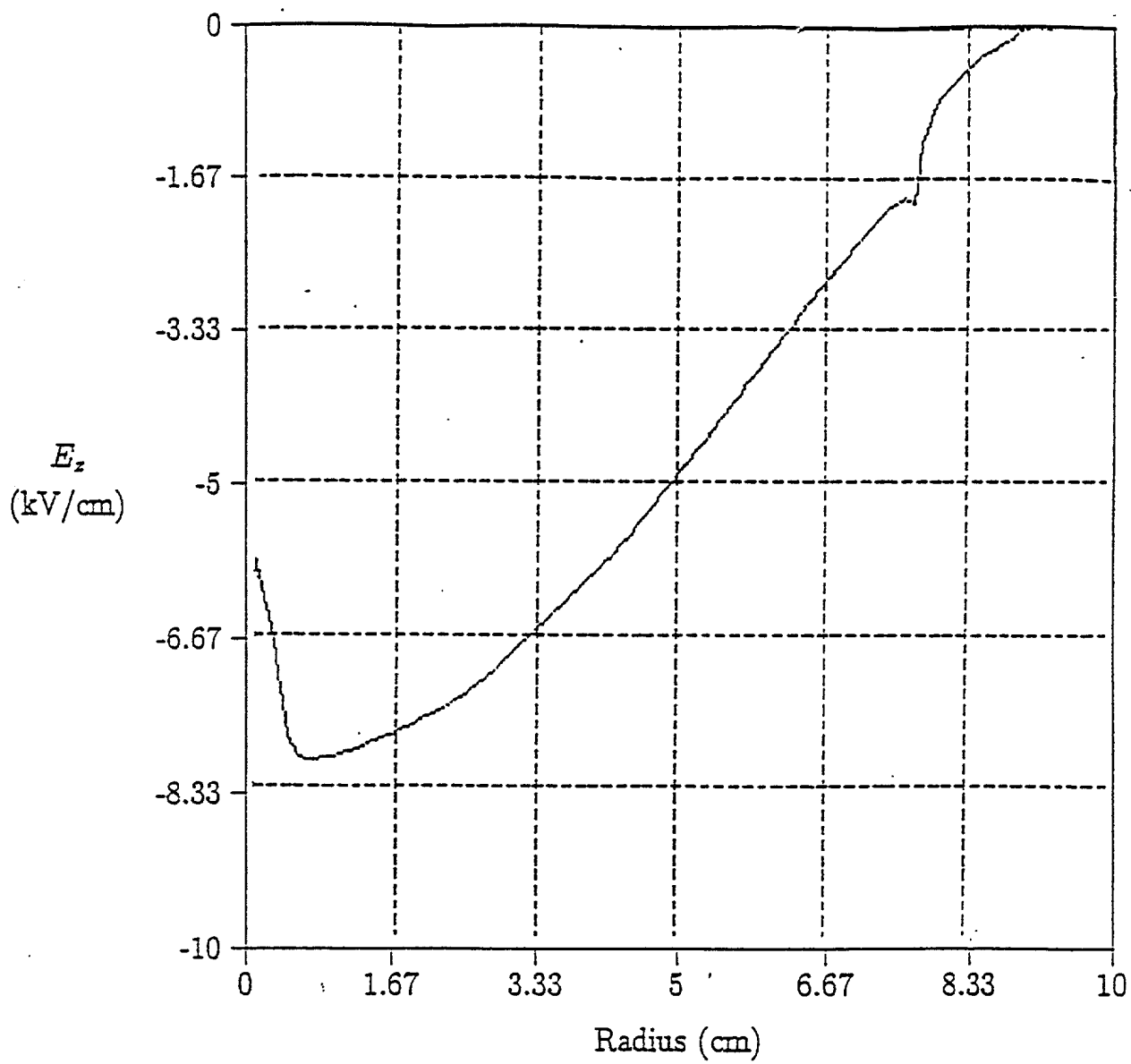


FIGURE 22

Electric Field vs Radius for an Ideal and a Coaxially Fed Cavity  
TM<sub>020</sub> mode at 1.275 GHz, Cavity Gap=1 cm, Coaxial Gap= 1 cm

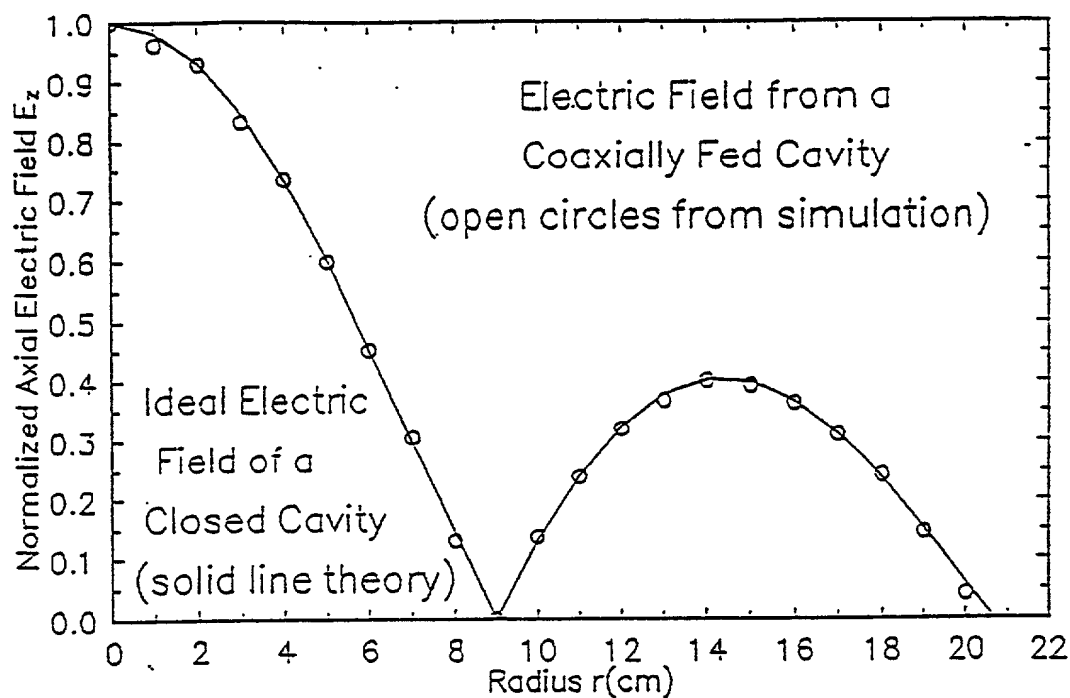


FIGURE 23

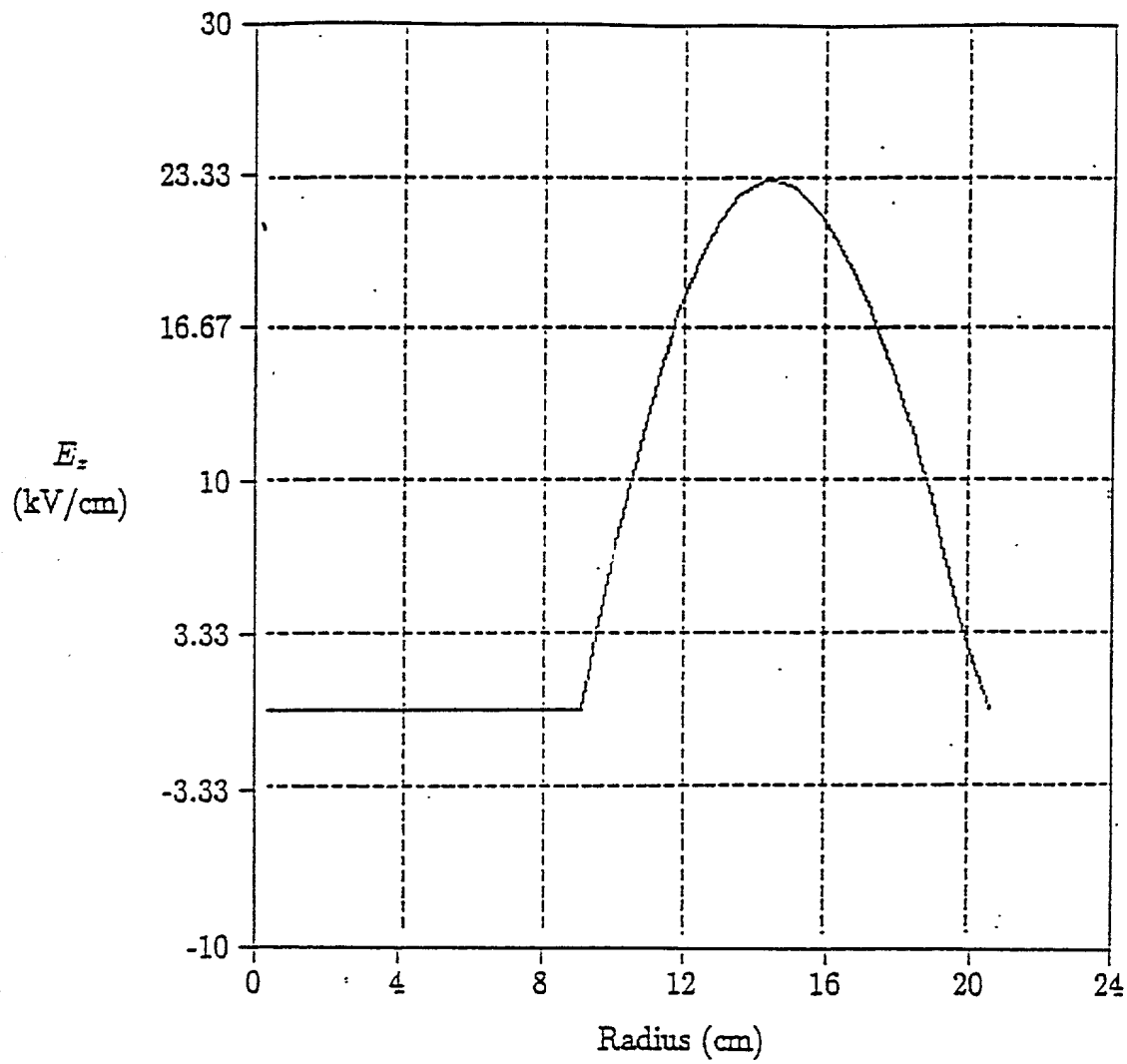


FIGURE 24



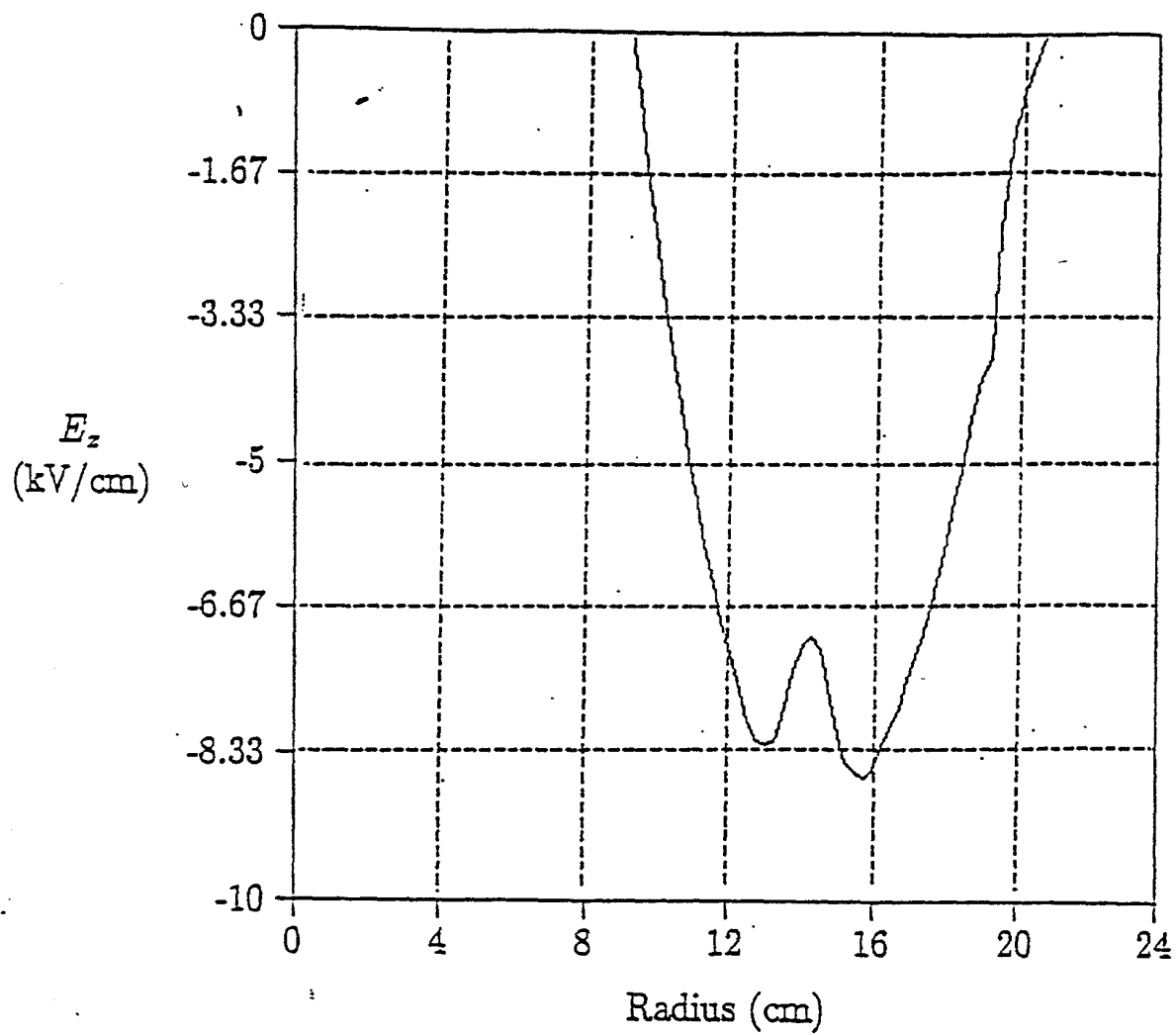


FIGURE 25

205020 205020 205020

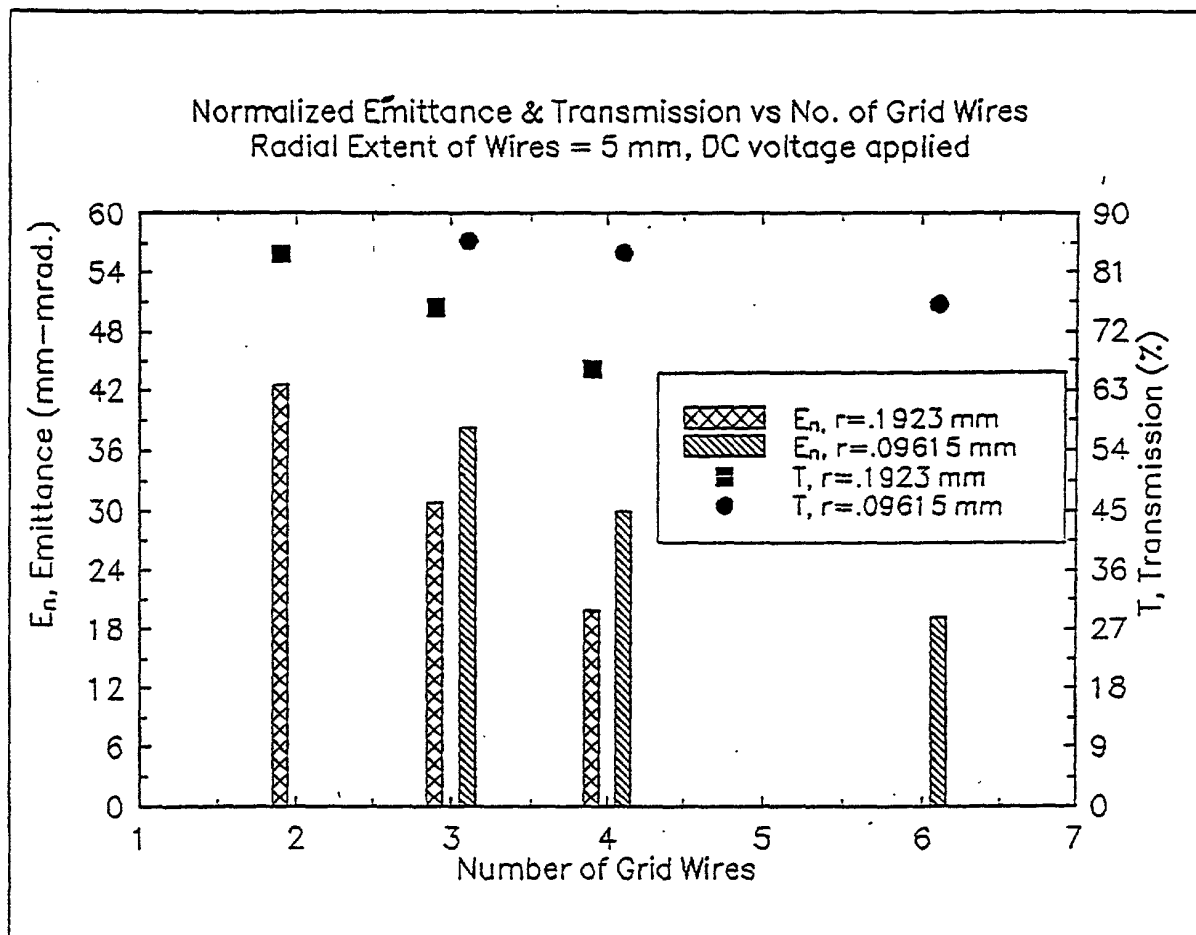


FIGURE 26

205060 405660

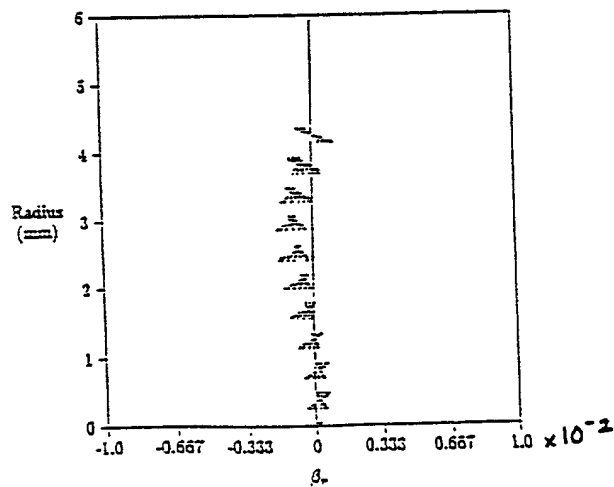
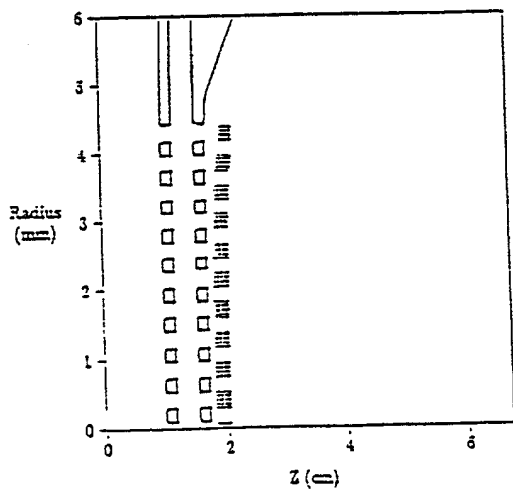
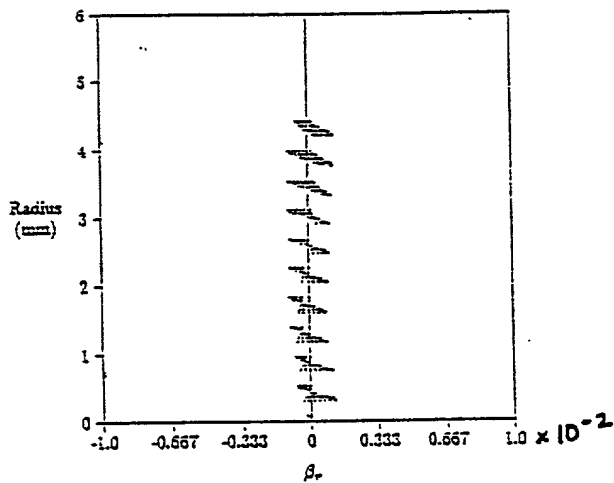
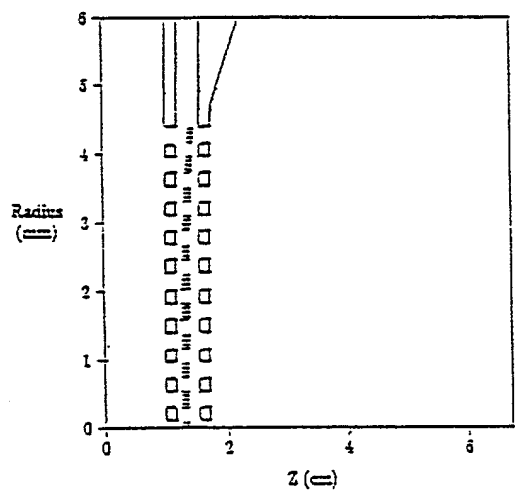
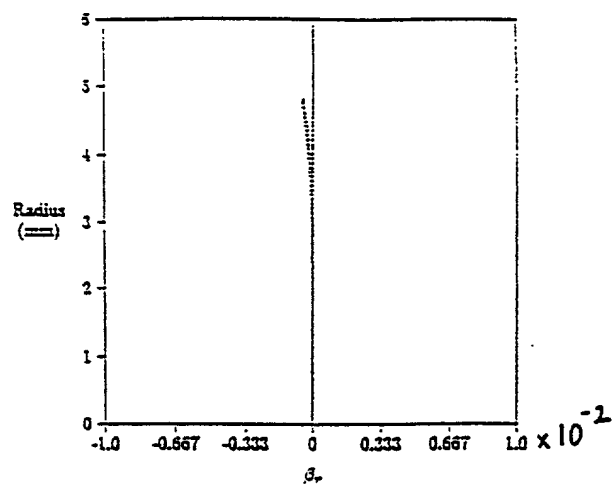
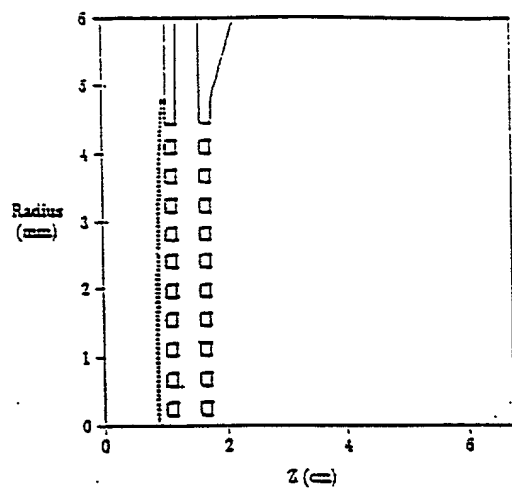


FIGURE 27

205020" 44055660

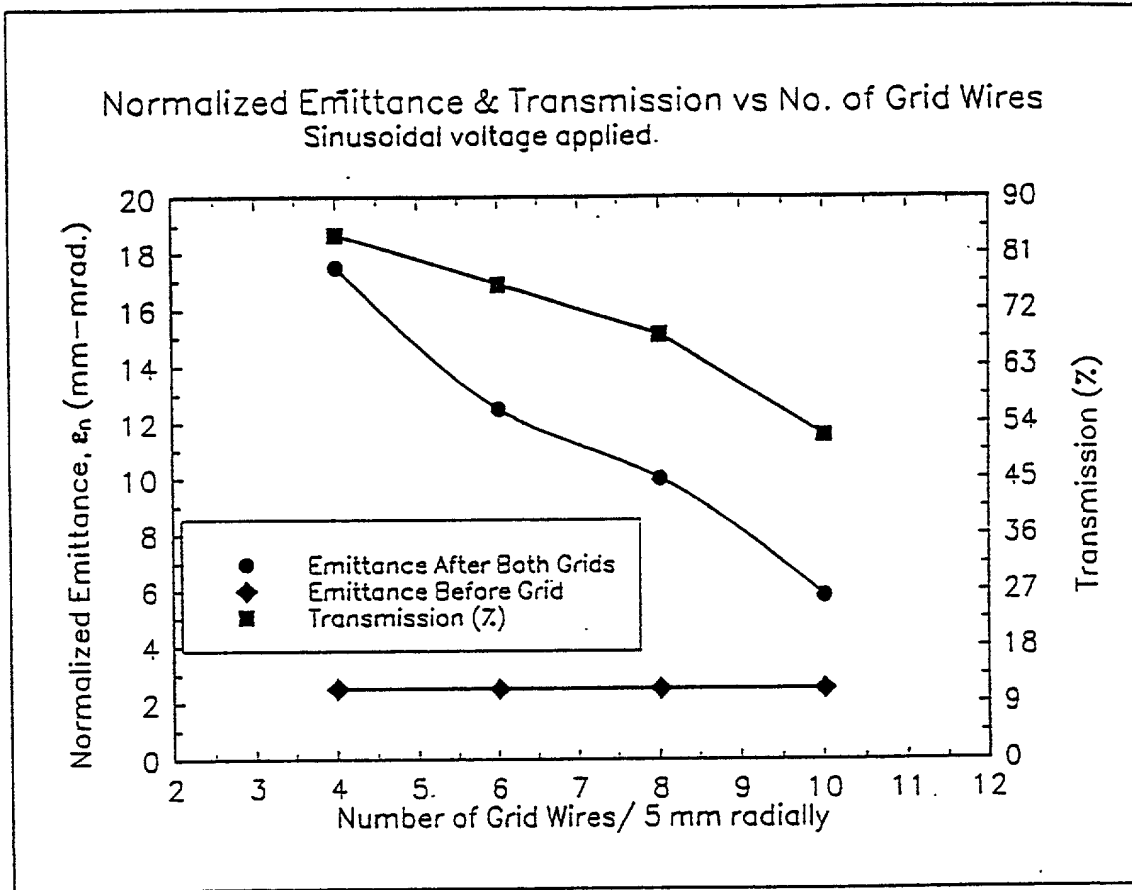


FIGURE 28

2050ED 2205660

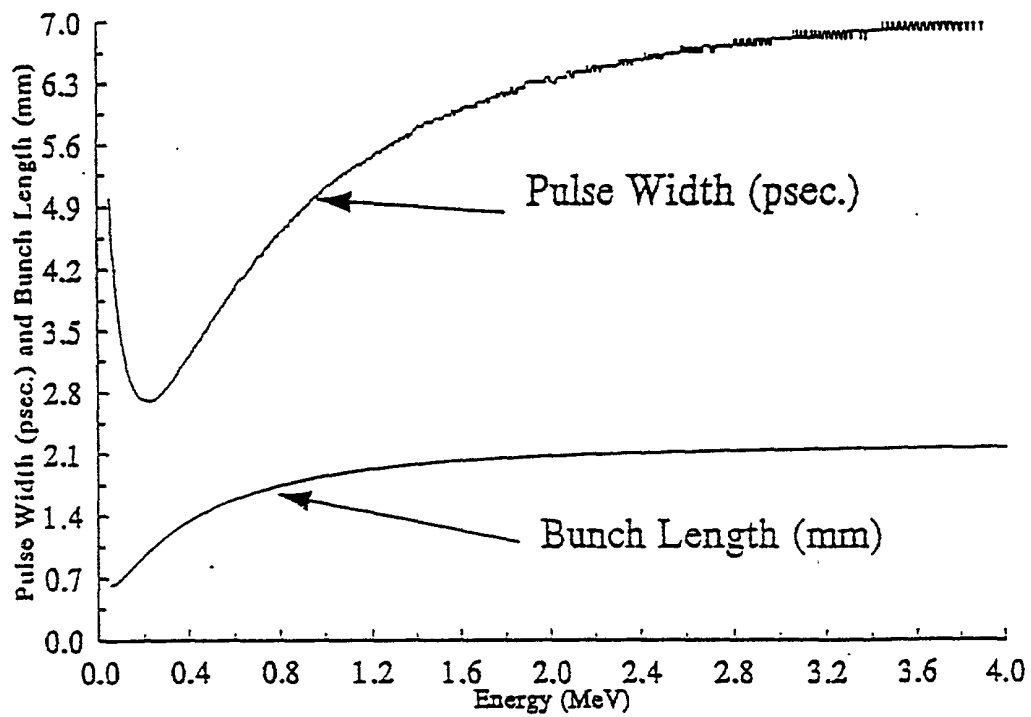


FIGURE 29

2050ED 22056650

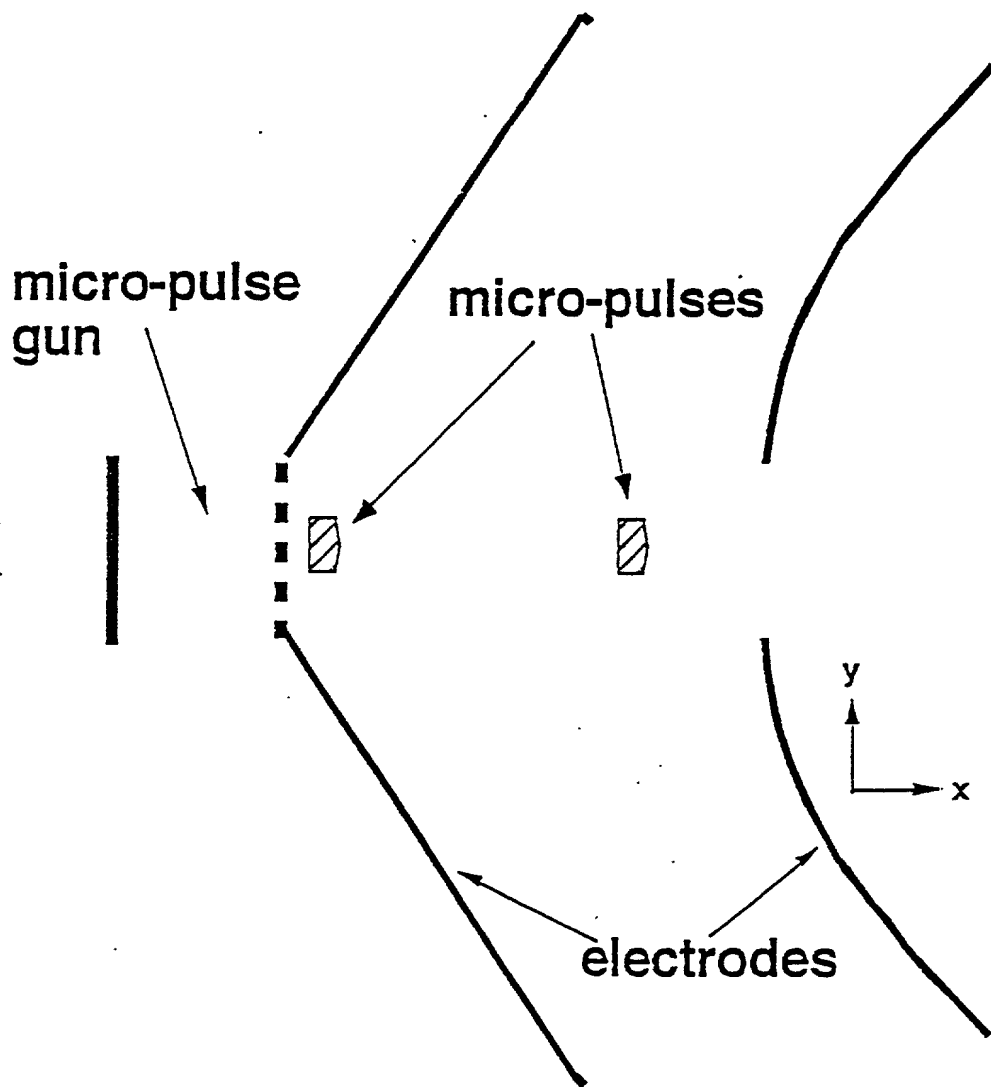


FIGURE 30

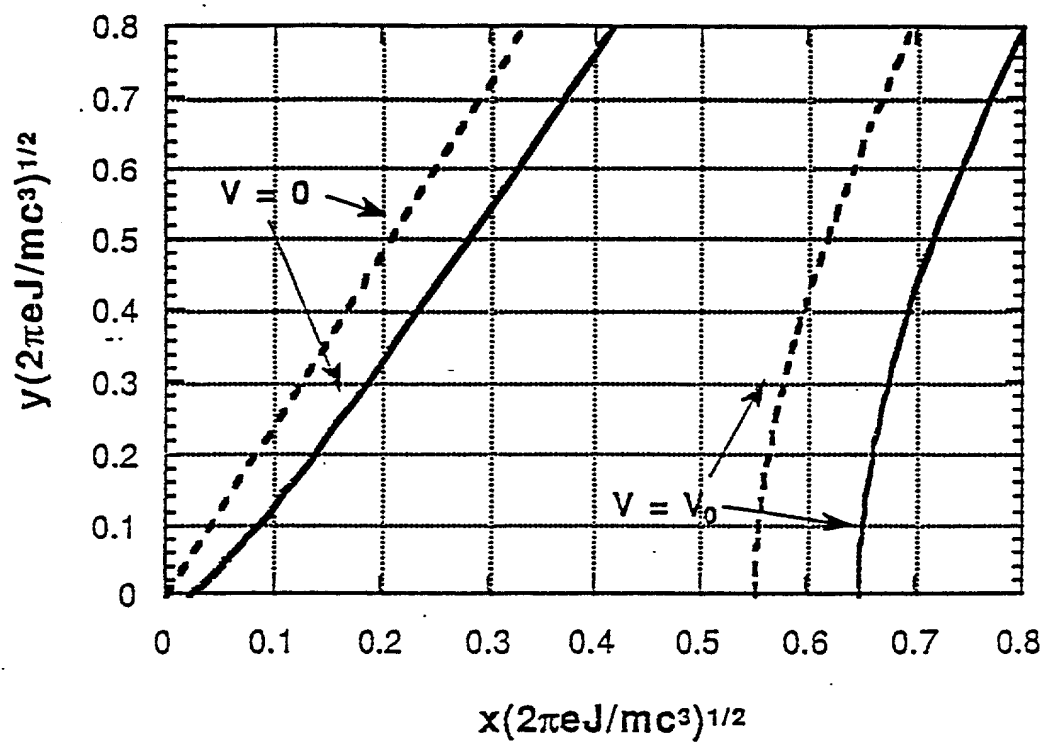


FIGURE 31

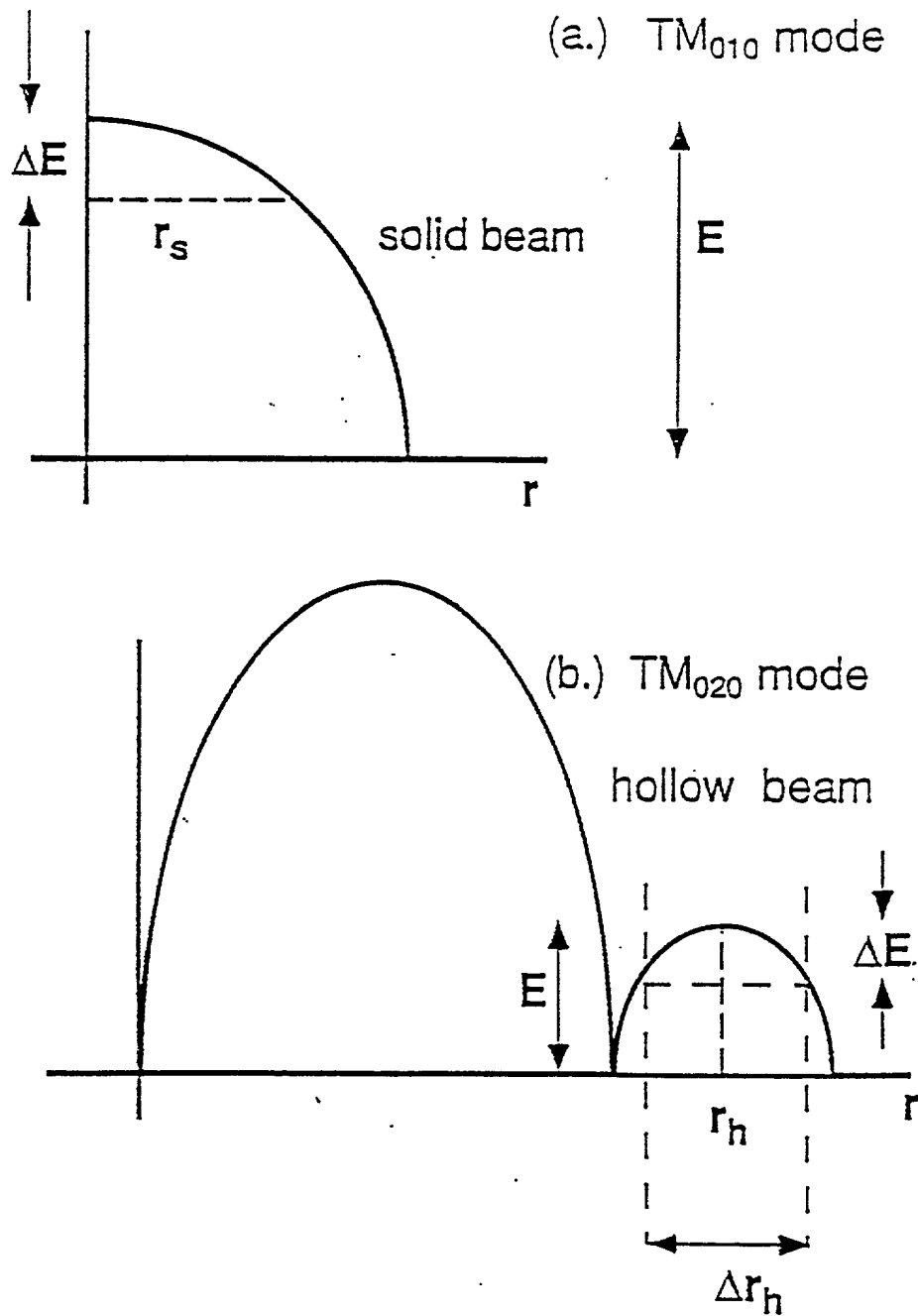


FIGURE 32



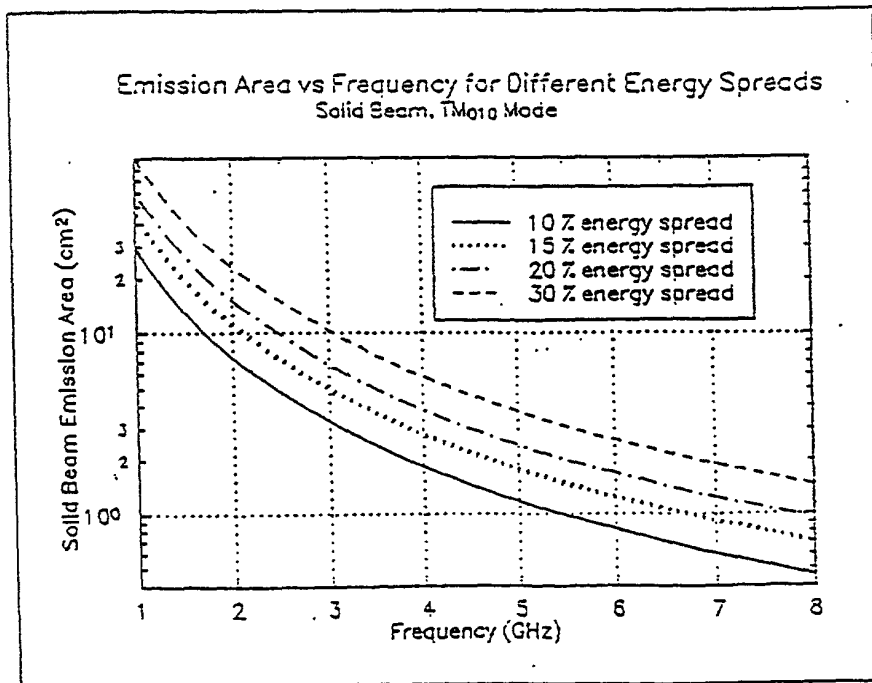
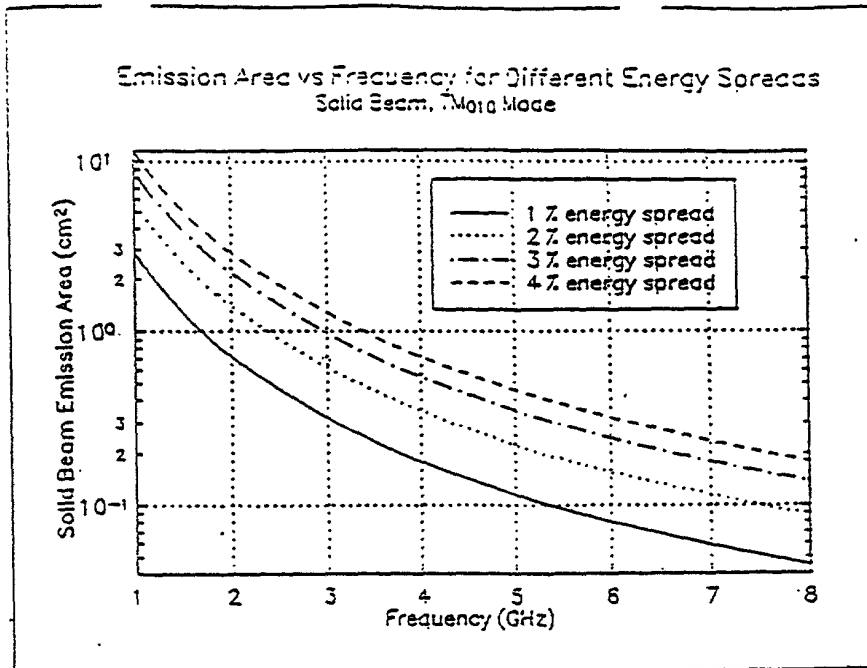


FIGURE 33

205020 2205660

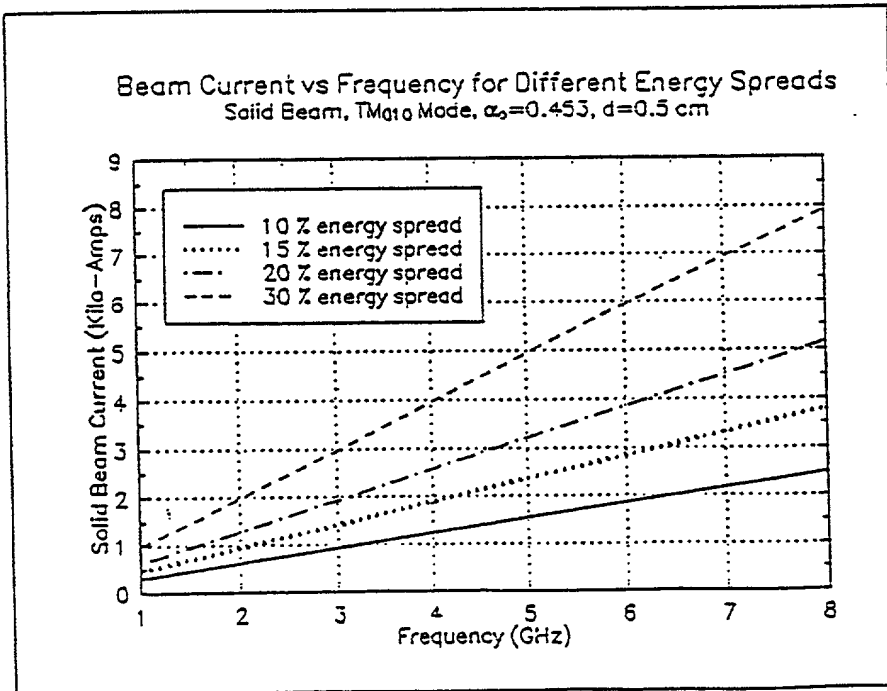
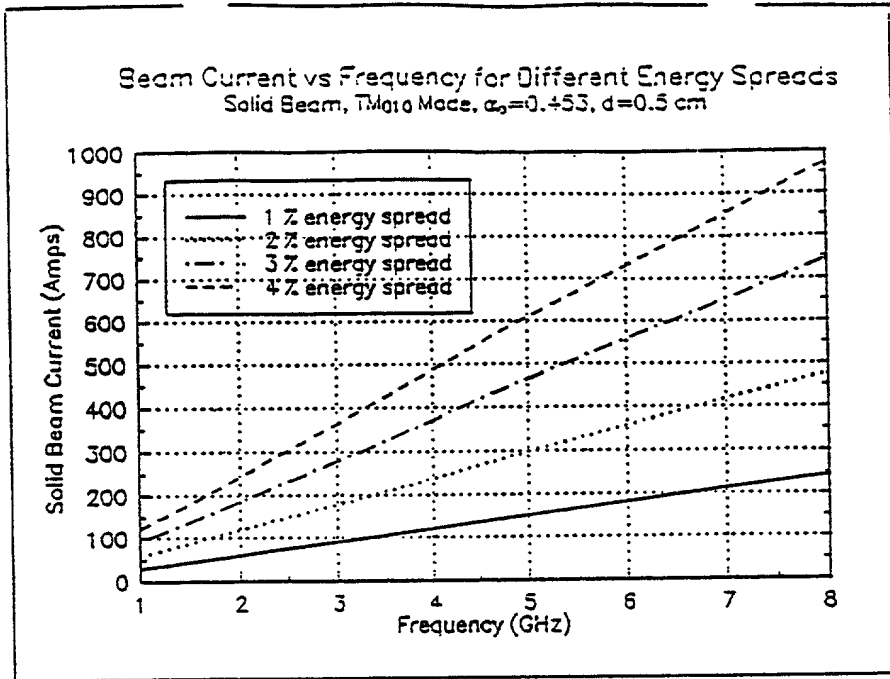


FIGURE 34

205030" 2205660

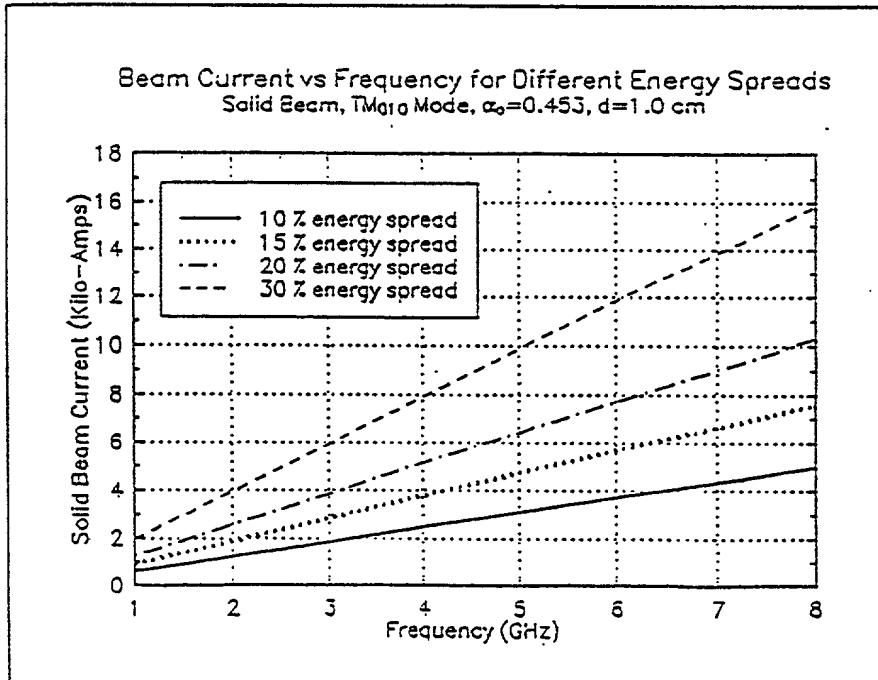
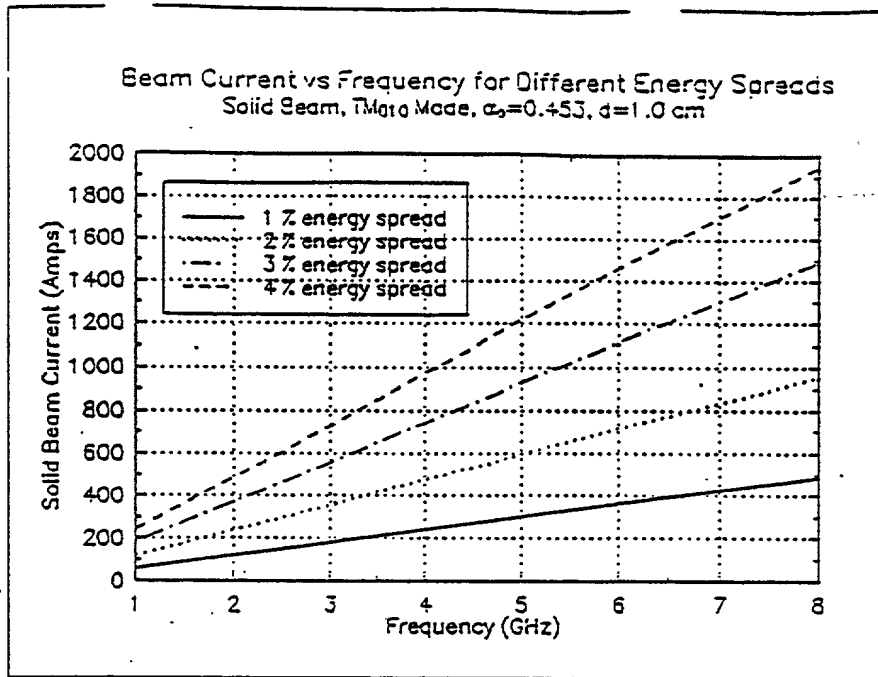


FIGURE 35

2050074055550

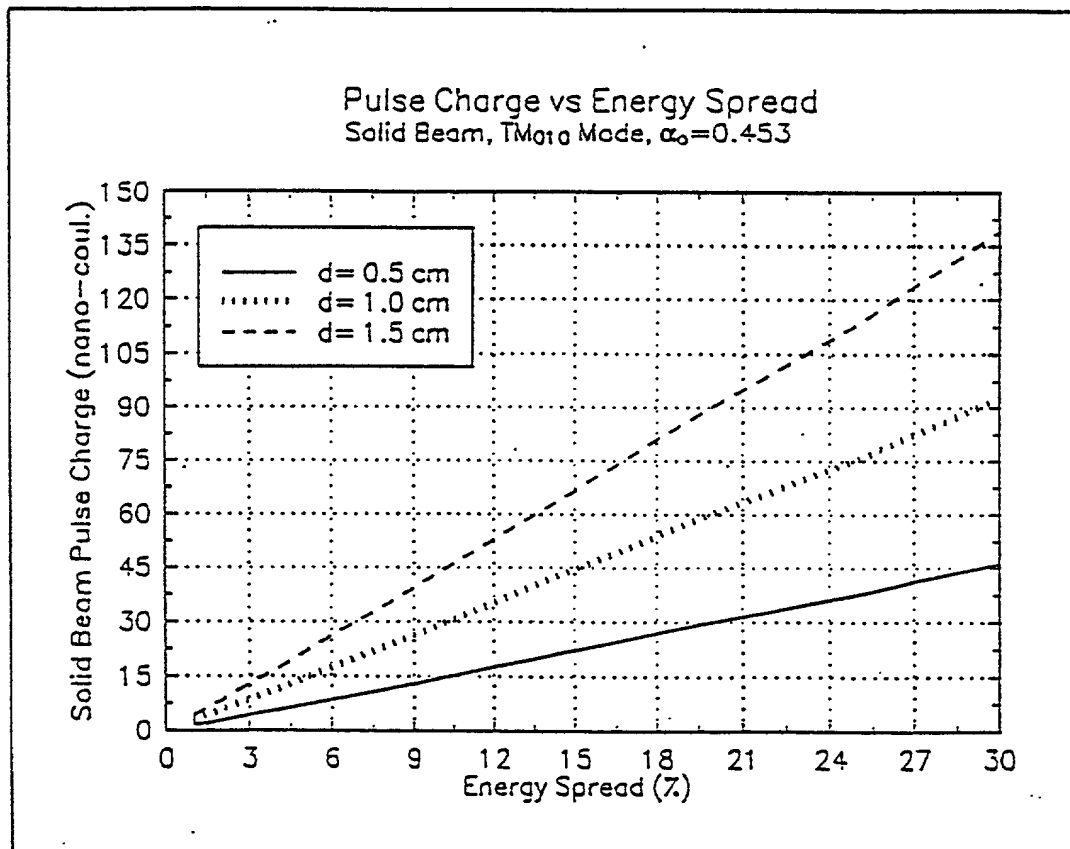


FIGURE 36

205030 2405660

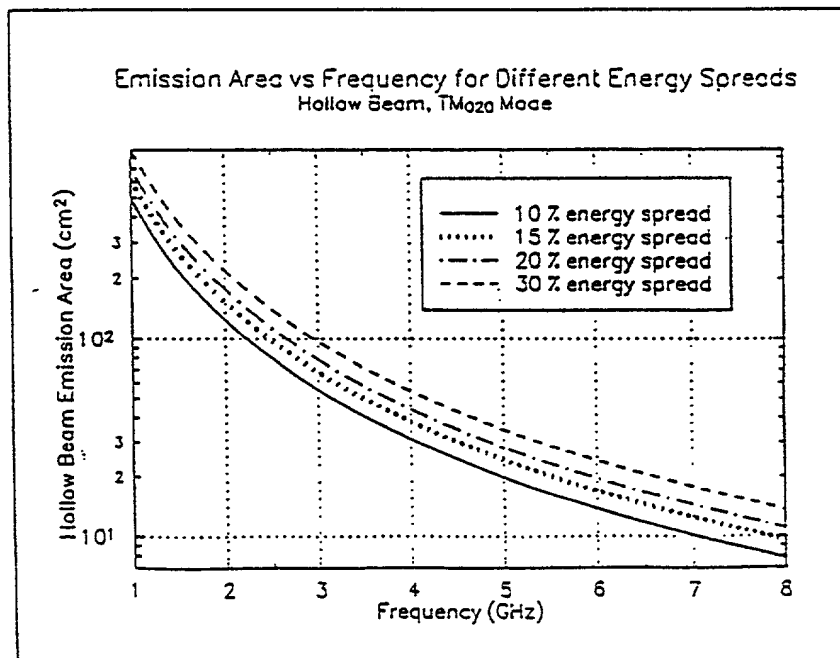
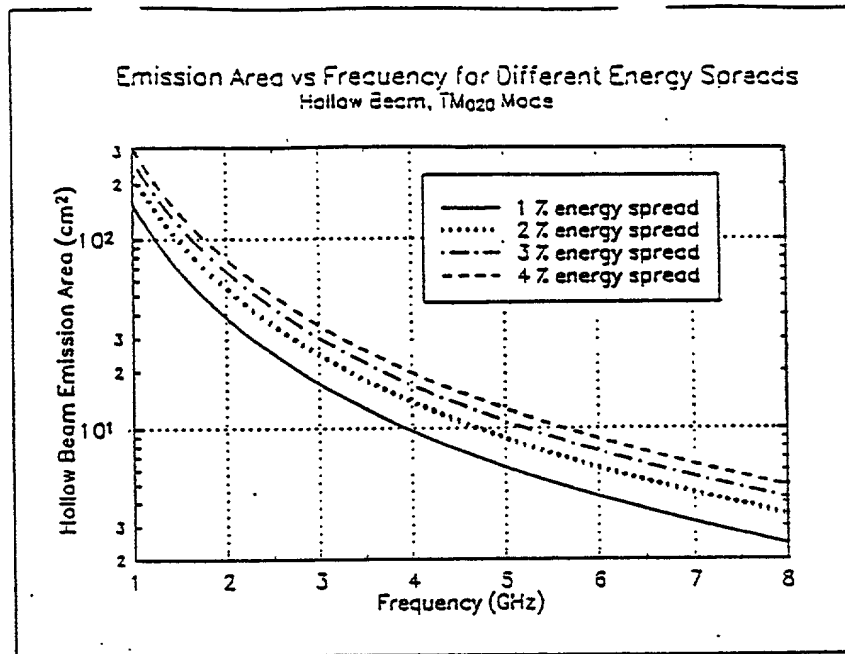


FIGURE 37

205010" 405660

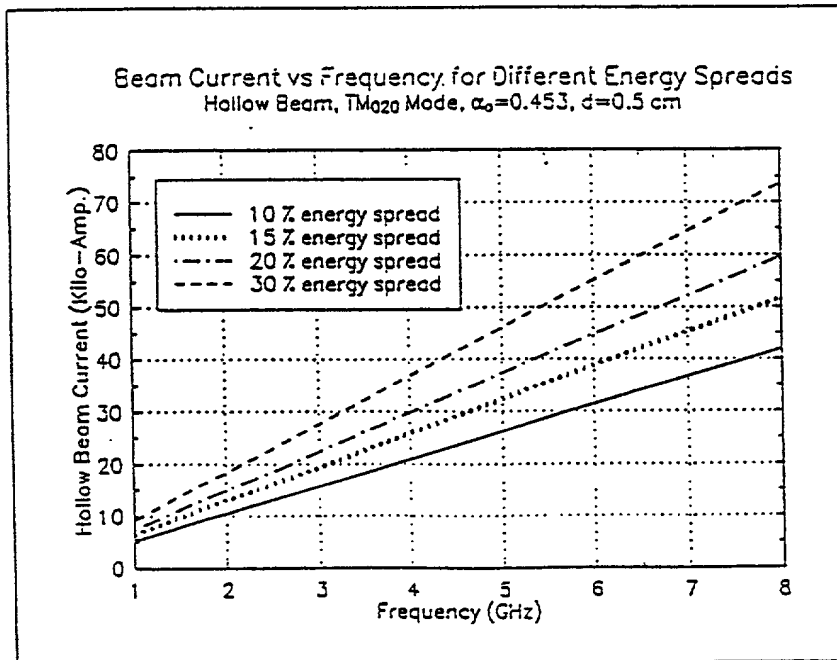
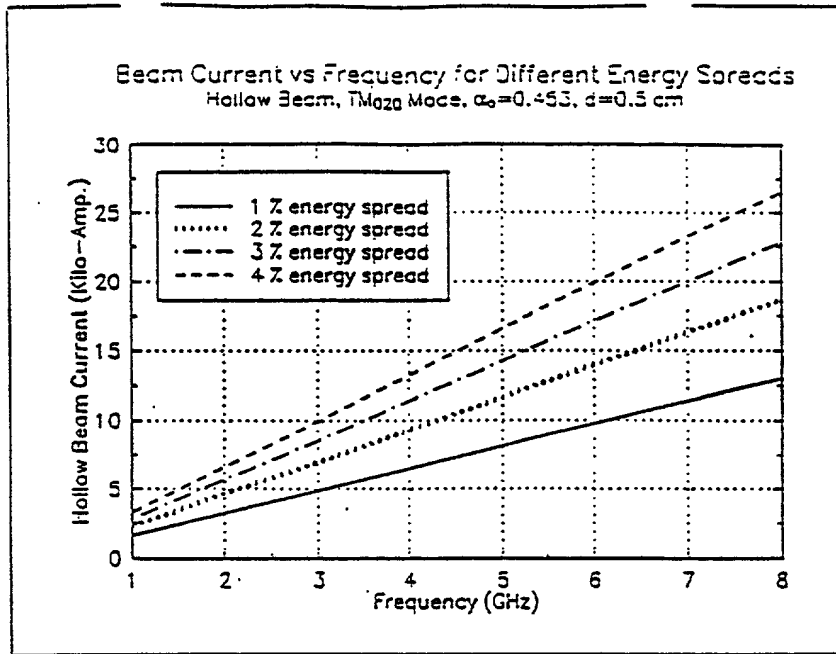


FIGURE 38

20500" 405550

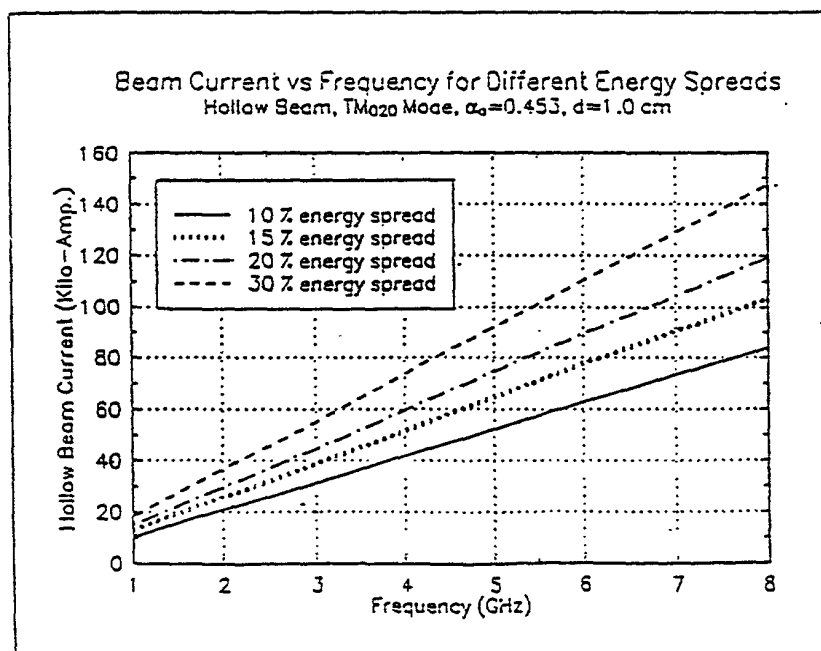
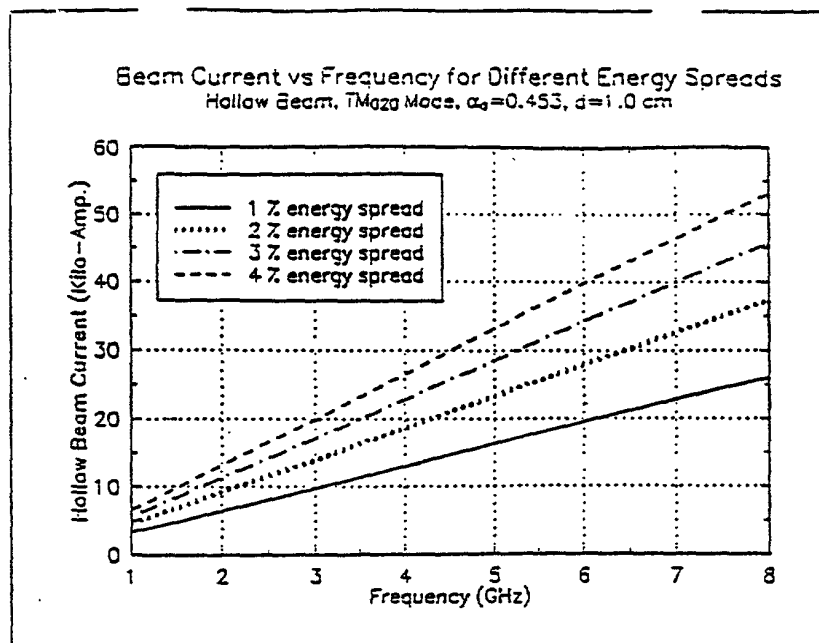


FIGURE 39

2050E0" 2056550

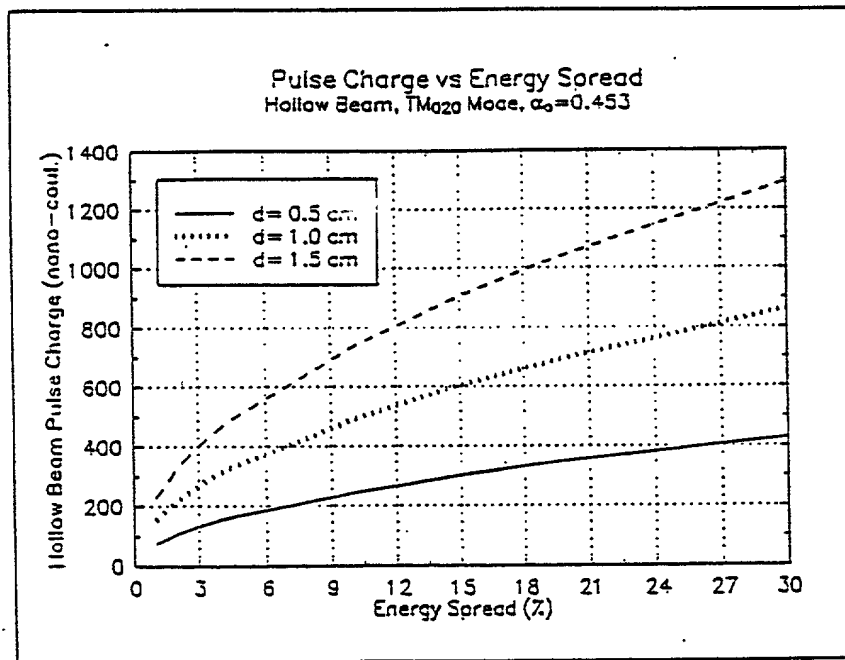


FIGURE 40



2050205550

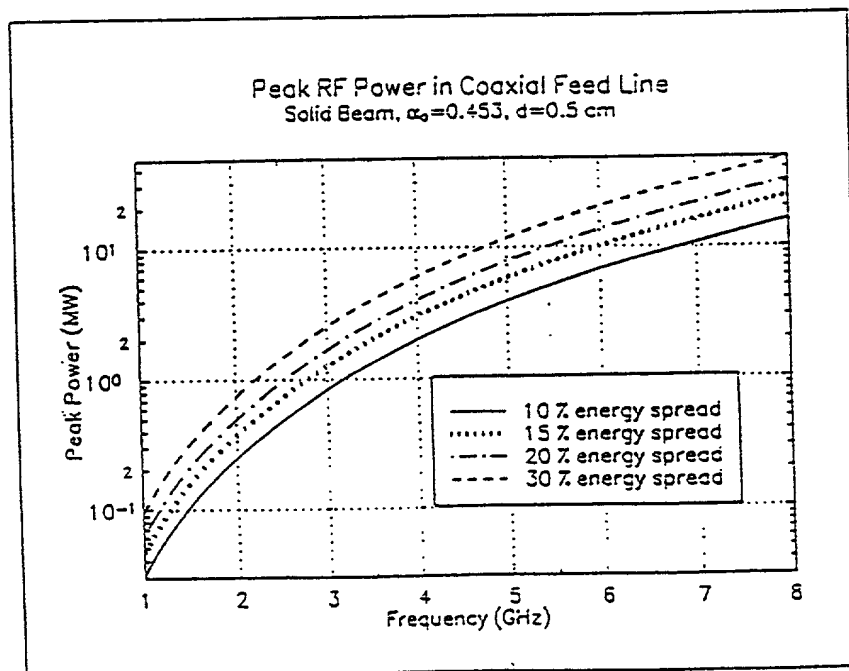
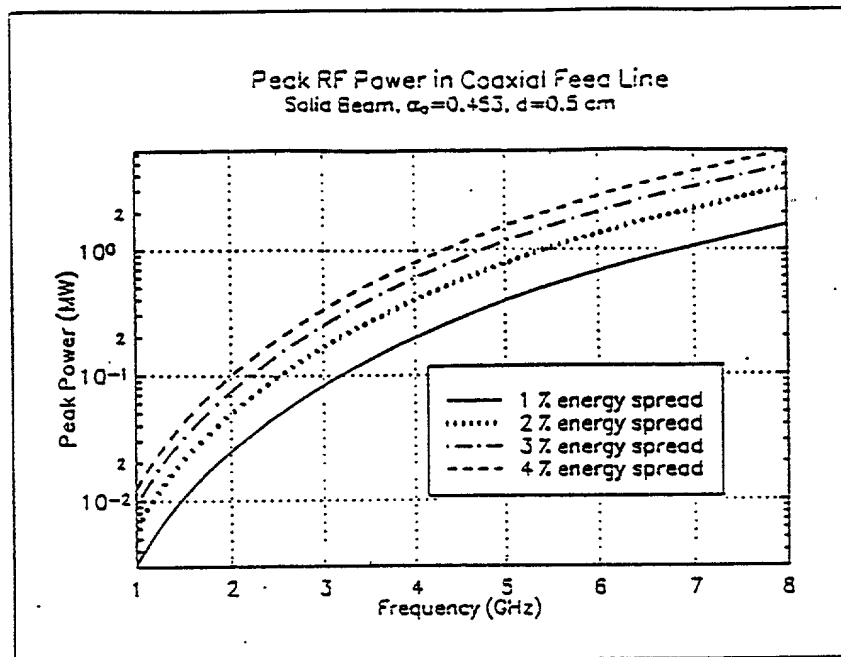


FIGURE 41

205060 72056600

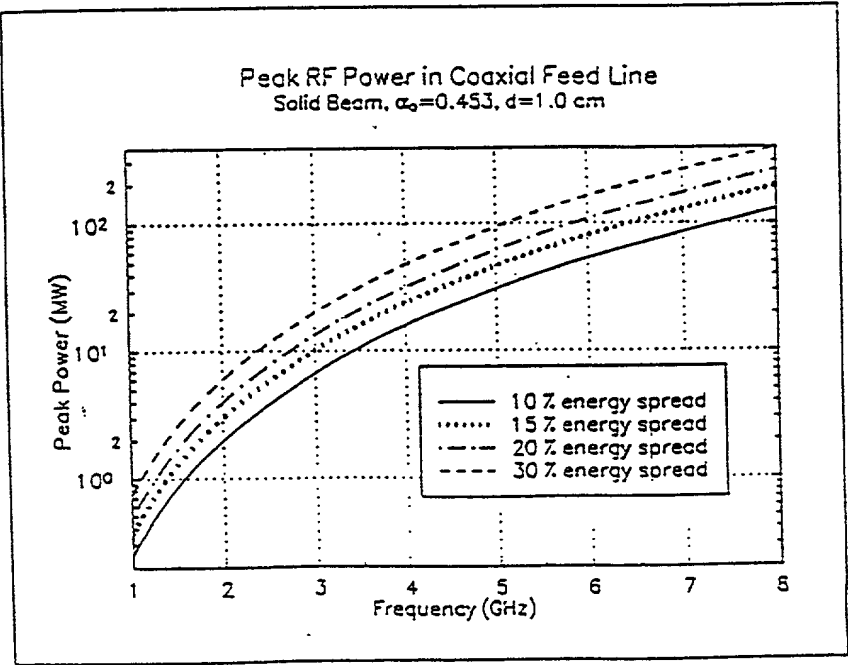
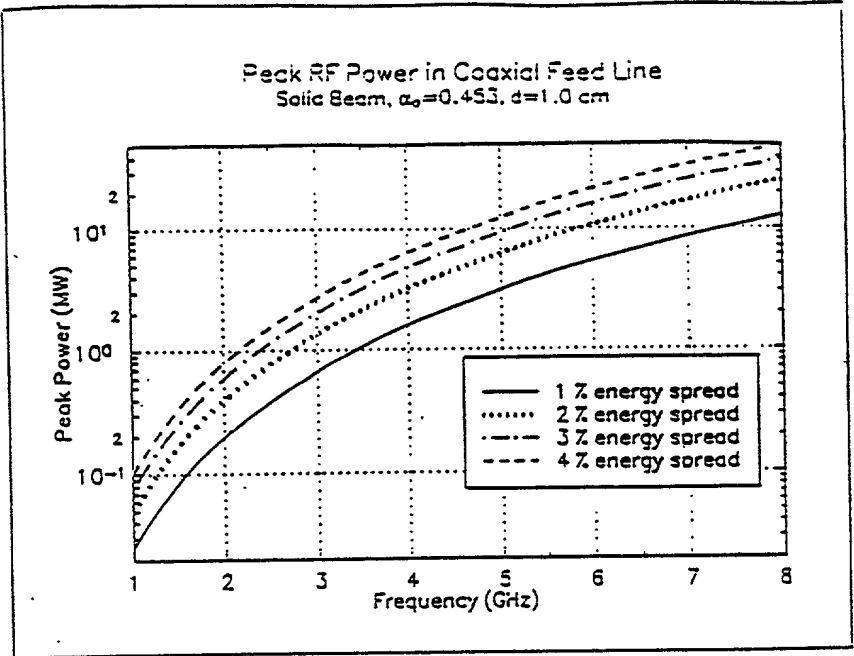


FIGURE 42

205020 4405660

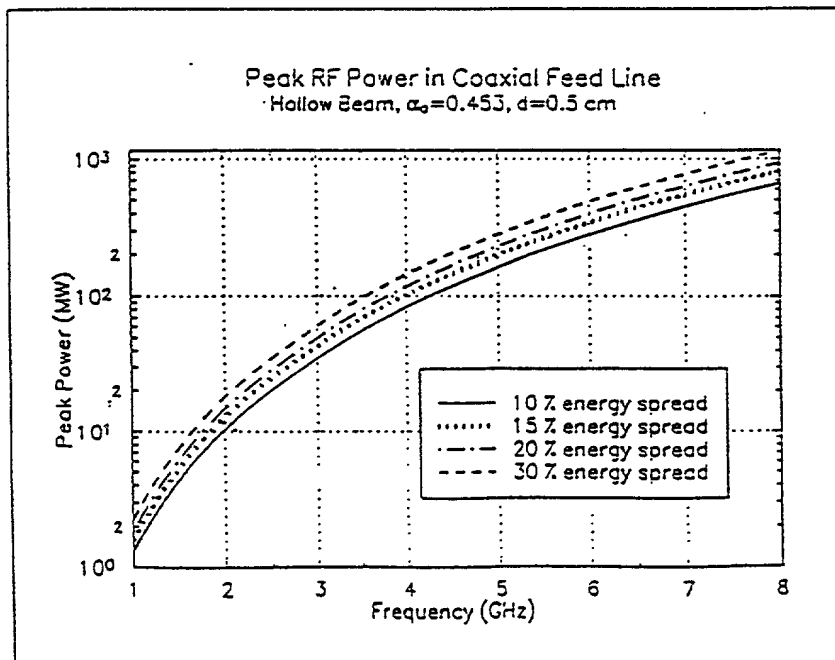
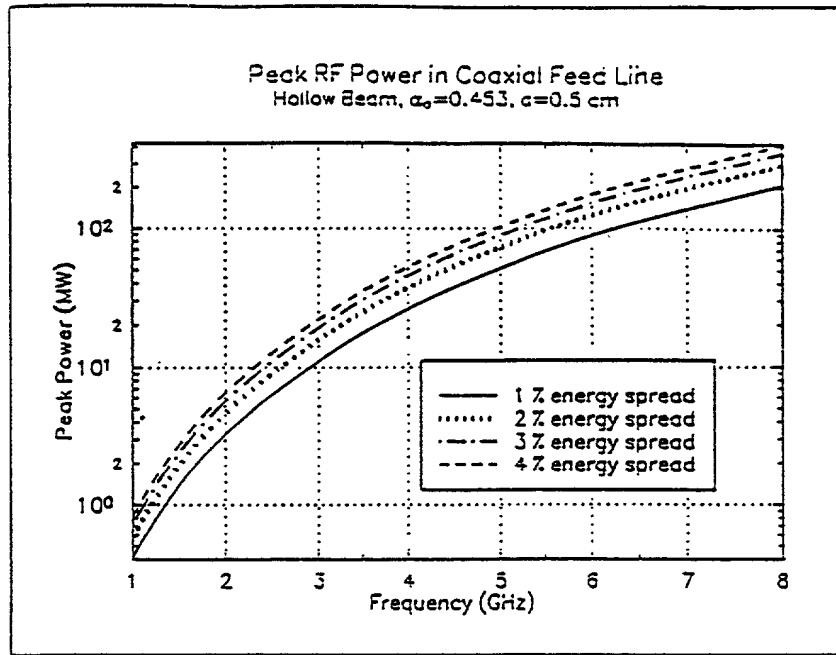


FIGURE 43

205060" 4405660

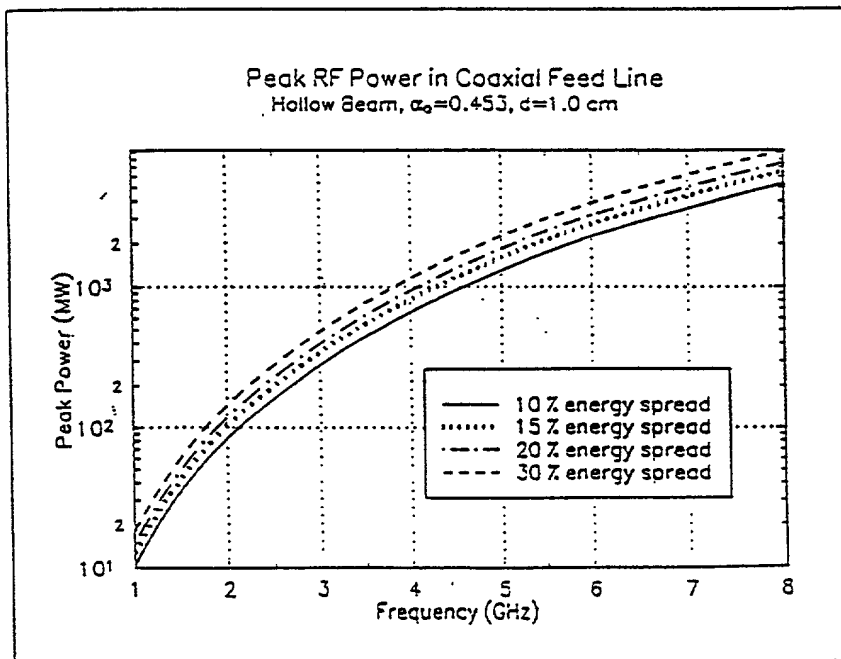
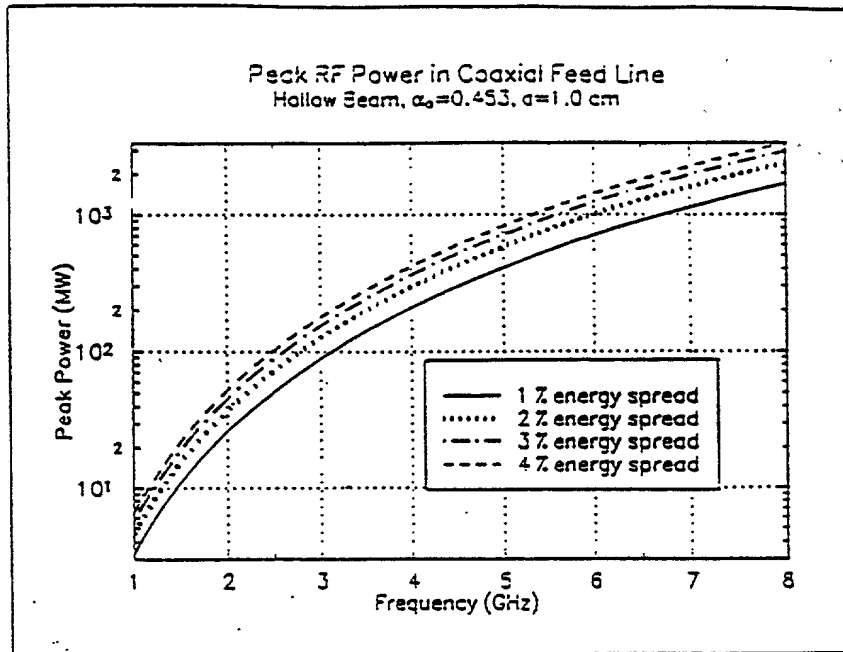


FIGURE 44

205010" 4050550

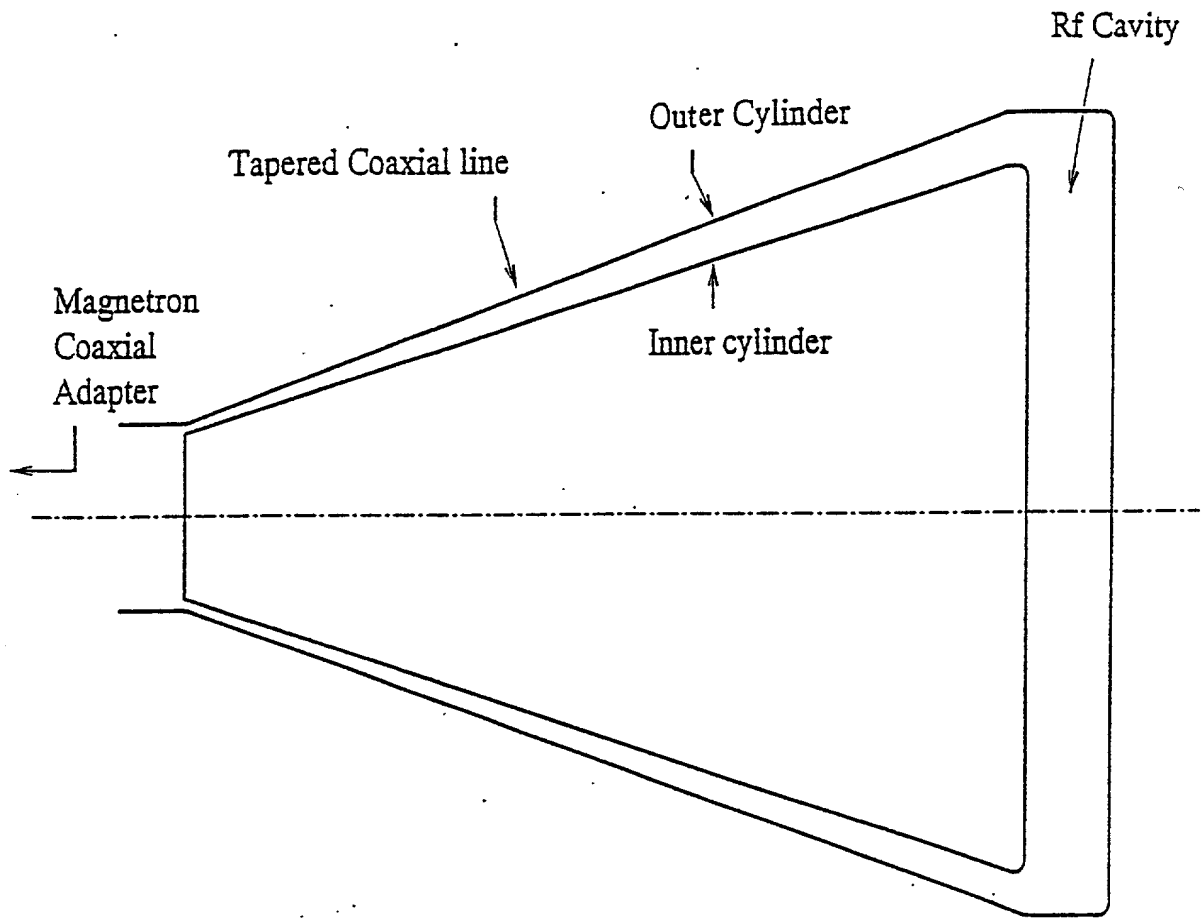


FIGURE 45

2050607 42056650

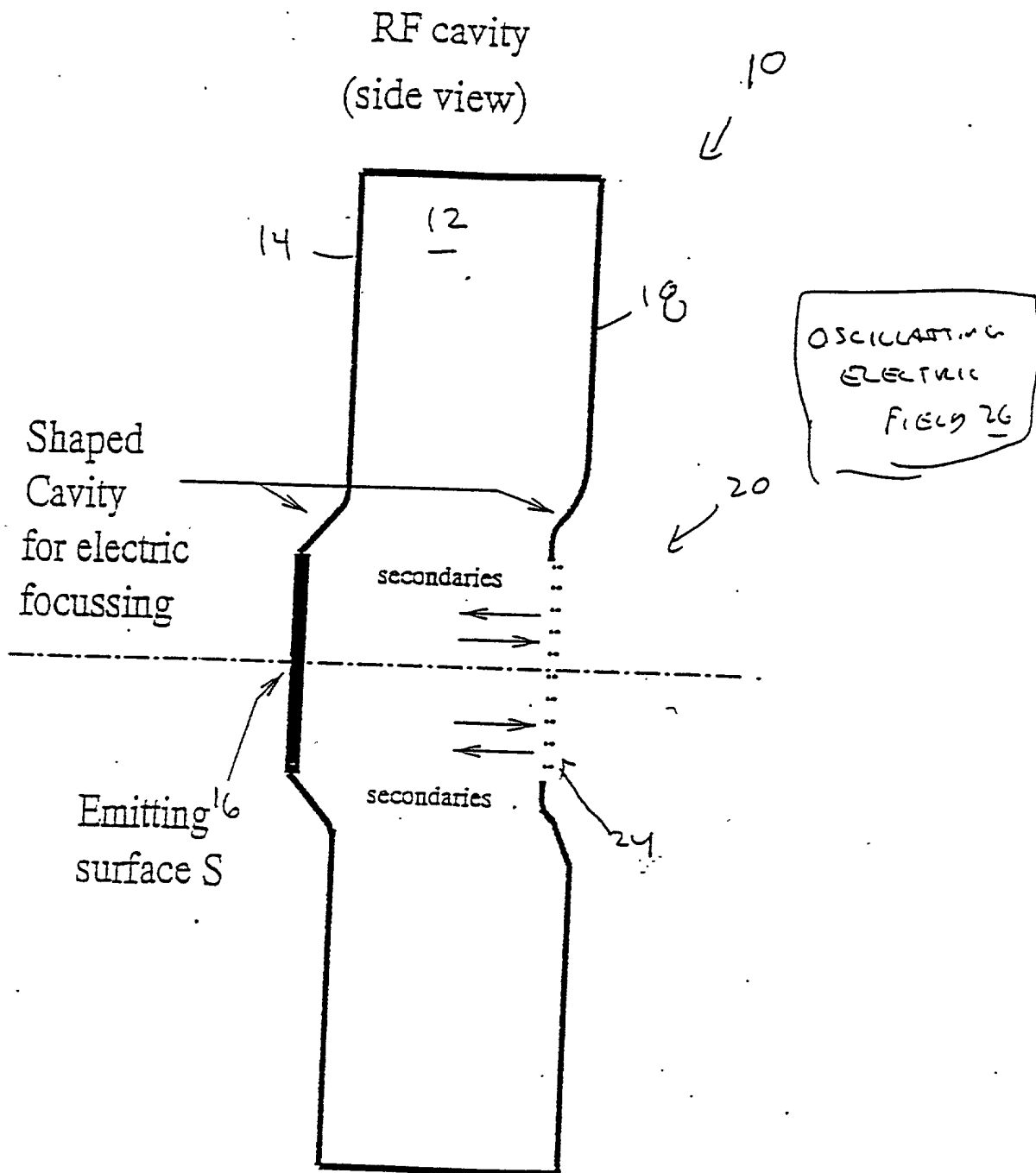


FIGURE 46